Panasonic

CORDLESS PHONE WITH ANSWERING SYSTEM

PANA-07949

MODEL NO. KX-T4330
KX-T4330-B
KX-T4330-G

Pulse-or-tone dialing capability

Operating Instructions

SOUND CHARGER

Please read before use.
The unit in this picture is KX-T4330.

AUTO-LOGIC™

Charge the battery for about 10 hours before initial use.

- This cordless telephone is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Ce téléphone sans fil est conçu pour être utilisé aux Etats-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction à la législation locale.
- Este teléfono sin cordón fue elaborado para uso en los Estados Unidos de América. La venta o el empleo de este producto en ciertos paises puede constituir violación de la legislación local.
- このコードレス電話機は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては原則として修理などのサービスは致しかねます。

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Please read IMPORTANT SAFETY INSTRUCTIONS on pages 64–65 before use. Read and understand all instructions.

Introduction (Features)

Thank you for purchasing the Panasonic cordless telephone with an answering system.

You can use the following convenient features.

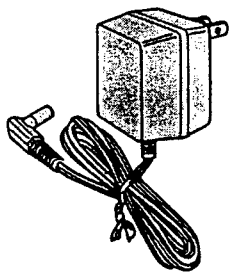
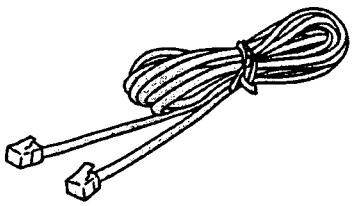
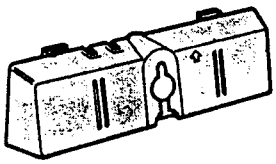
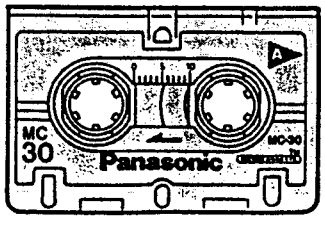
Telephone features:

—Last number redial (p. 21)
—Stored number dial (p. 24–27)
—Maintaining the best sound by selecting a clear channel (p. 5)
—Intercom—Using the base unit and the portable handset for 2-way conversation (p. 28)

Answering system features:

—New message playback (p. 37)
—Remote operation from a touch tone phone (p. 42)/ from the portable handset (p. 49)

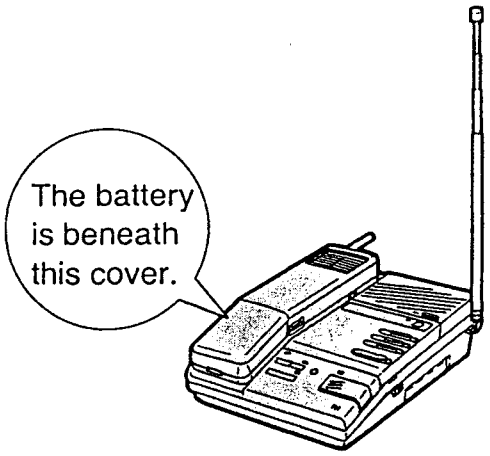
Accessories (For accessory order, call toll free 1-800-332-5368.)

AC Adaptor (p. 13)  one	Telephone Line Cord (p. 13)  one
Wall Mounting Adaptor (p. 60)  one	Micro Cassette Tape (p. 12, 58) Incoming Message Tape (MC-30)  one

For best performance

Battery charge

To power the portable handset, charge the battery before initial use.



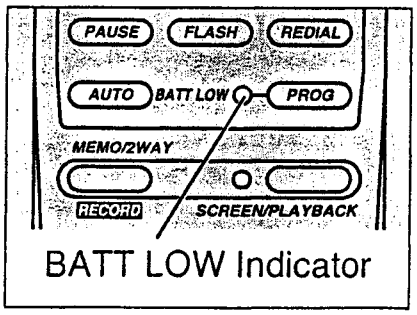
Place the portable handset on the base unit for about 10 hours.

—The CHARGE indicator light is on.
—The battery cannot be overcharged.

Notes:

—**Clean the charge contacts with a soft cloth once a month,** or the battery may not charge properly.
—Once the battery is fully charged, you do not have to place the portable handset on the base unit until the BATT LOW indicator flashes.

Recharge is necessary when the BATT LOW indicator flashes or beep tone sounds every 15 seconds during a conversation.



BATT LOW Indicator

Standard battery life

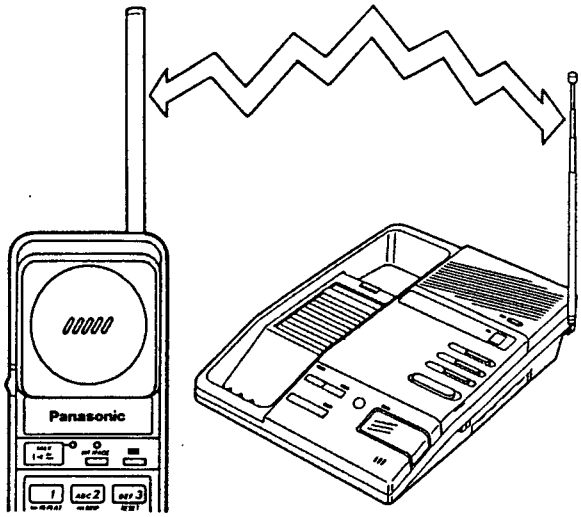
If your Panasonic battery is fully charged:

In TALK mode	Up to about 7 hours
In Stand-by mode	Up to 14 days

(Battery life may vary depending on usage condition and surrounding temperature.)

Operating range

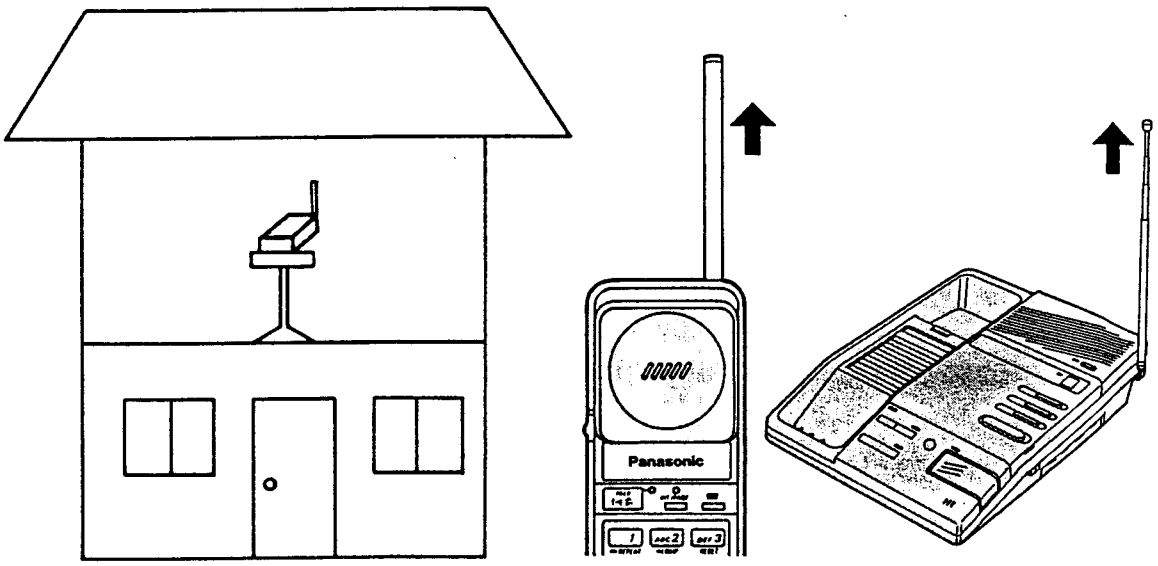
Range of operation is determined by the maximum power allowed by FCC rules. It depends on the construction of your home, weather or usage condition, because calls are transmitted between the base unit and the portable handset by wireless radio waves.



Normally you may get longer range outdoors than indoors.
If there are some obstacles such as walls, noise may prevent your telephone calls. In particular, high metal shelves or cement-iron walls will shorten the operating range.

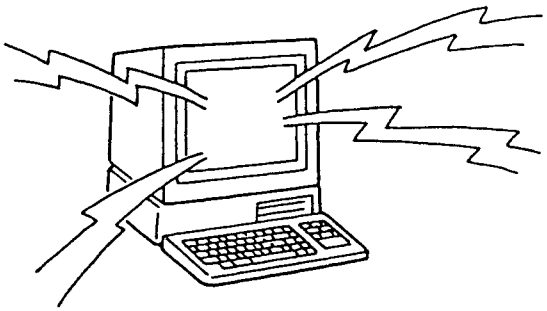
For maximum range

It is best to place the base unit in a HIGH and CENTRAL location of the house, with no obstructions. Be sure to fully extend the antennas of the portable handset and the base unit during use.



Noise

Occasional noise or interference may occur due to other random radio waves.

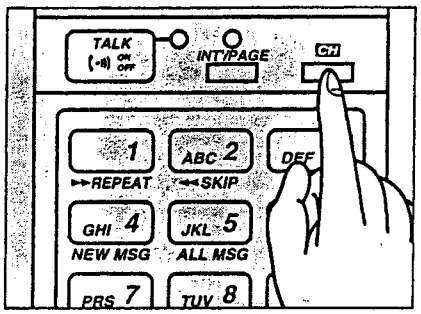


Electrical appliances such as a refrigerator, microwave oven, fax, TV, radio, or personal computer might interfere with the telephone conversation or shorten the operating range.

If noise affects your telephone calls, keep the base unit, telephone line cord or AC adaptor cord away from electrical appliances.

To reduce noise during a conversation (Selecting a clear channel)

A channel is a set of receiving and transmitting frequencies.
You may select a clear one of 10 channels.



During a conversation, press the CH button.

—The base unit will then select the next available channel, which the base unit is continuously searching for.
—The selected channel number is displayed on the call counter.

Note:
—If the portable handset user is too far from the base unit, the CH button may not function fully. Approach the base unit.

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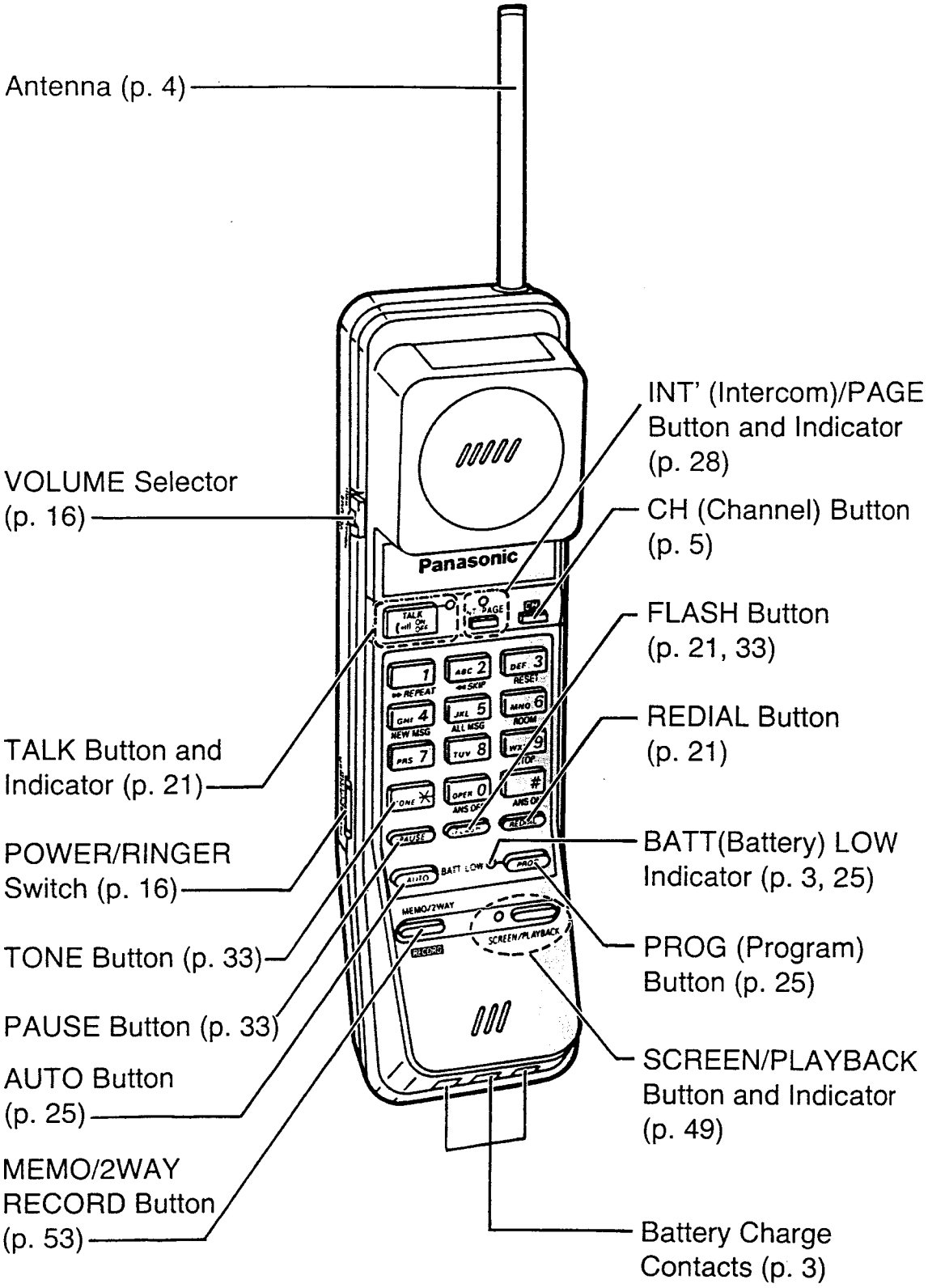
Location of controls

Portable handset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TALK Button and Indicator (p. 21)
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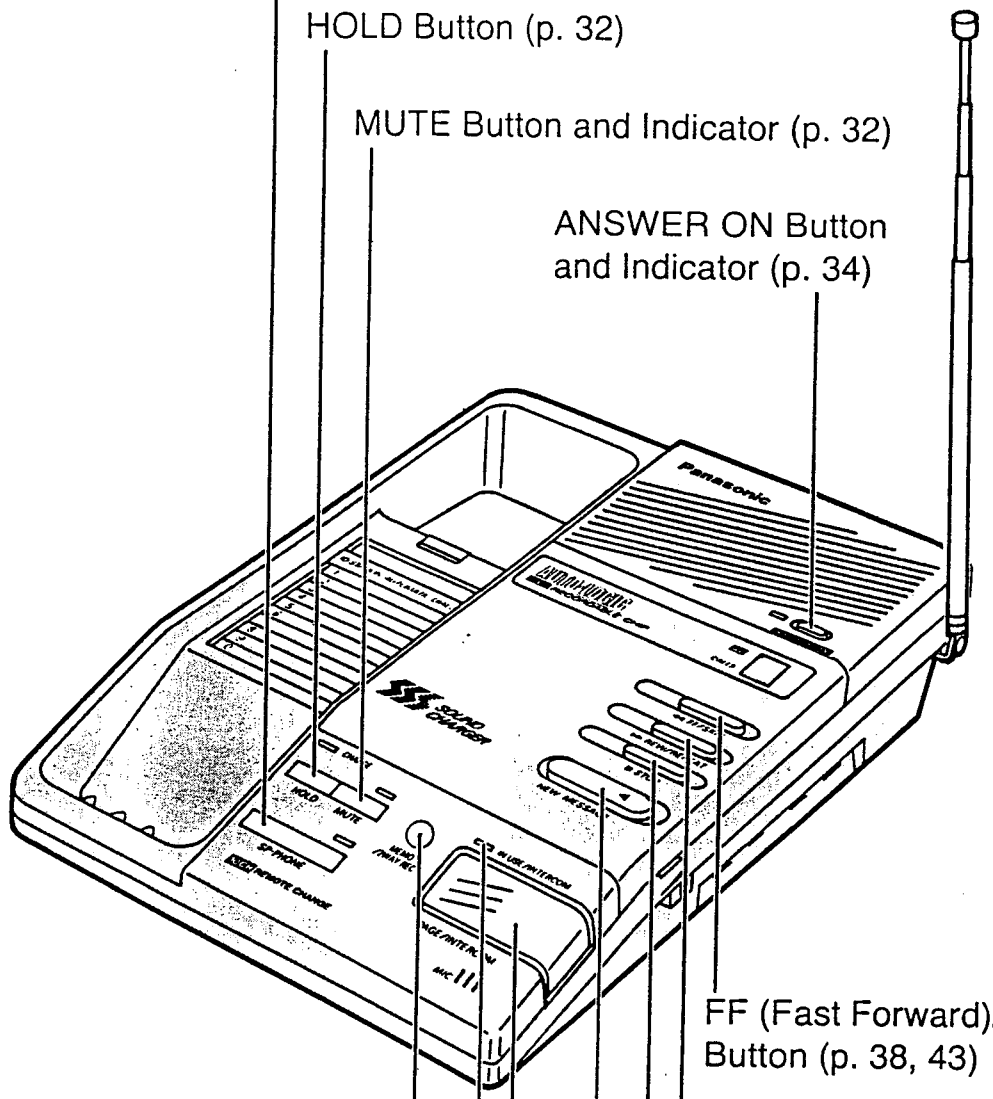
Base unit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IN USE/INTERCOM Indicator
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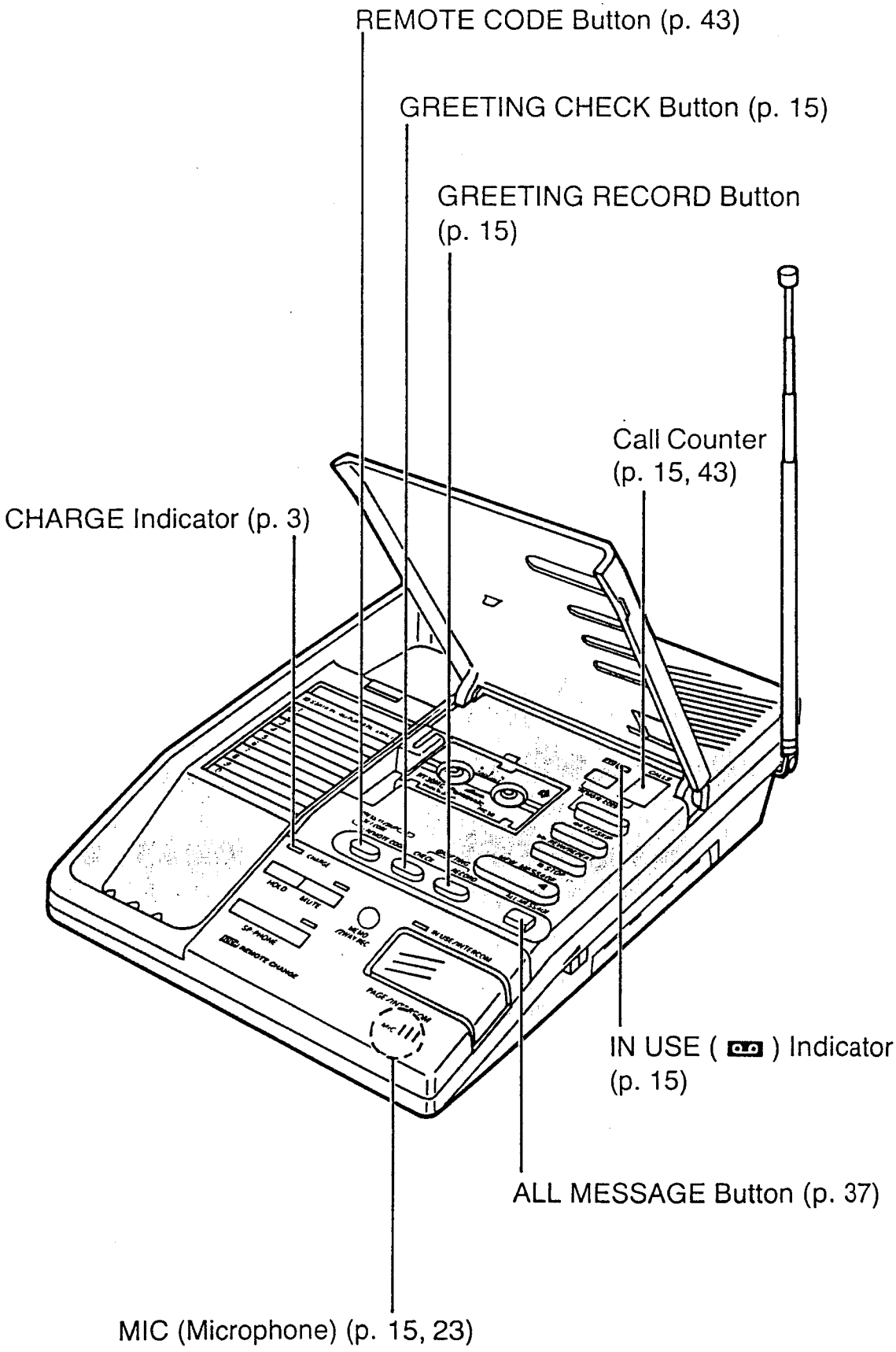
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CHARGE Indicator (p. 3)
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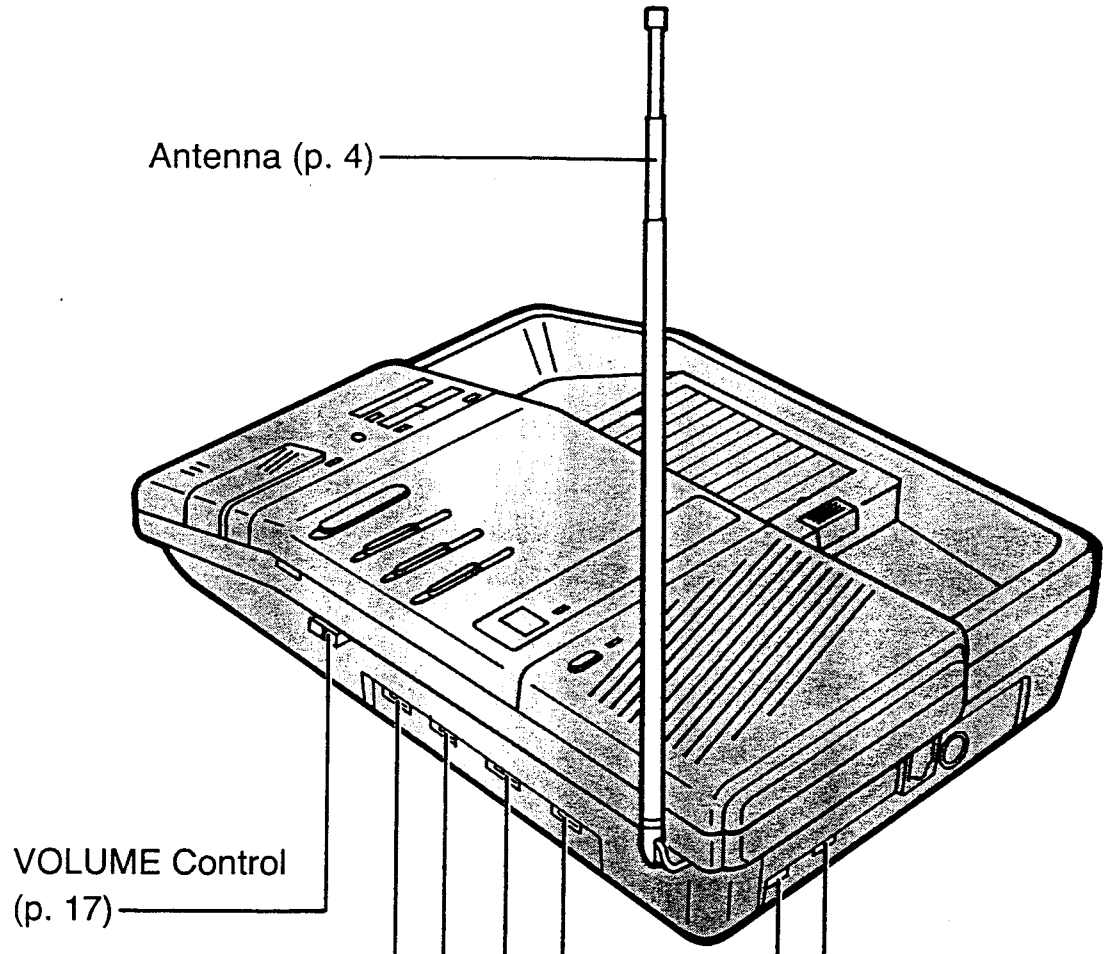
MIC (Microphone) (p. 15, 23)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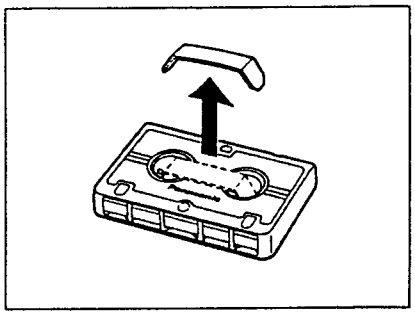
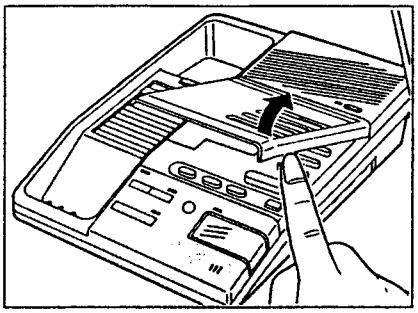
Setting up the unit

Inserting the incoming message tape

Remove the stopper of
the micro cassette tape.

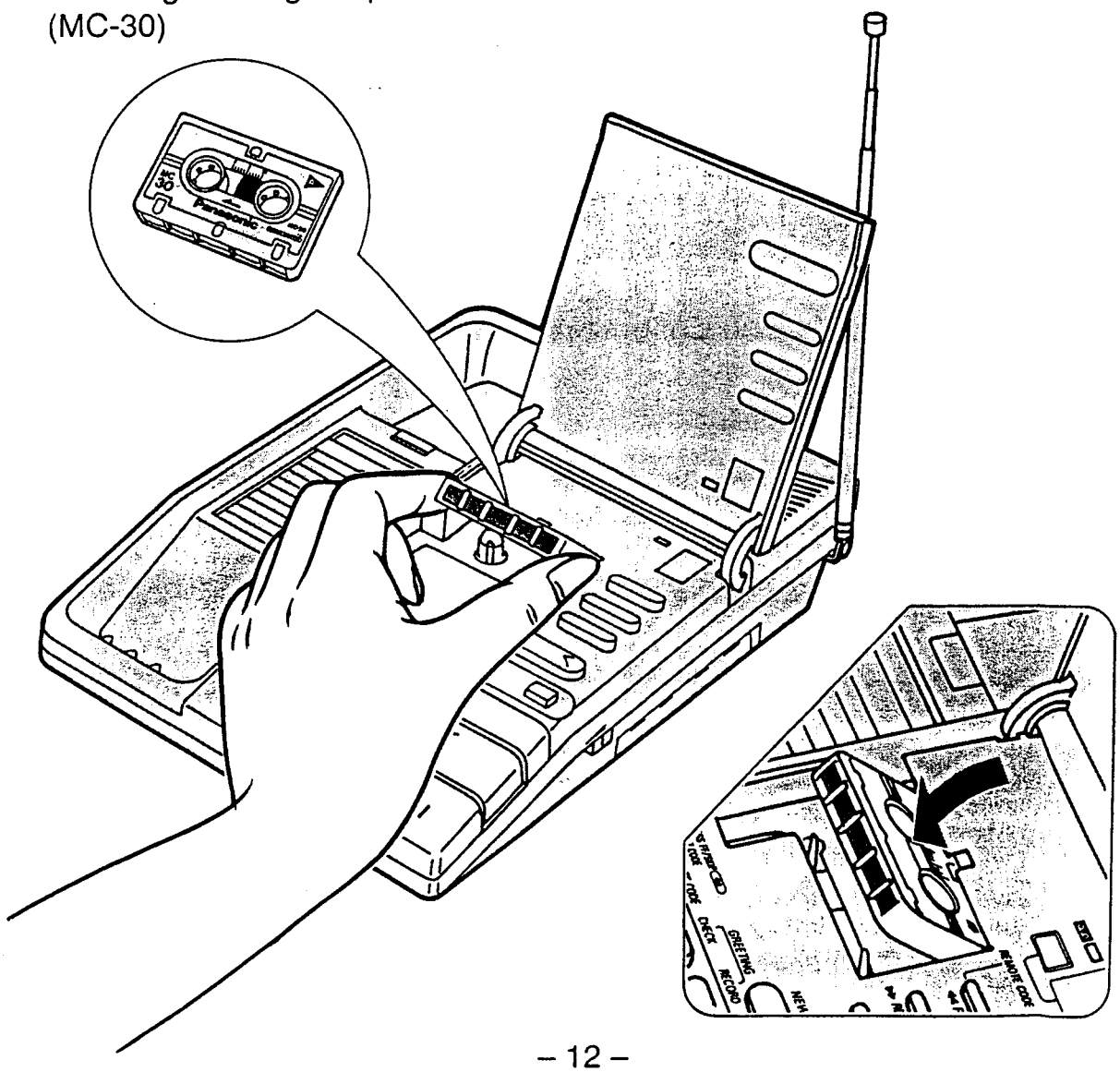


Open the cassette panel.

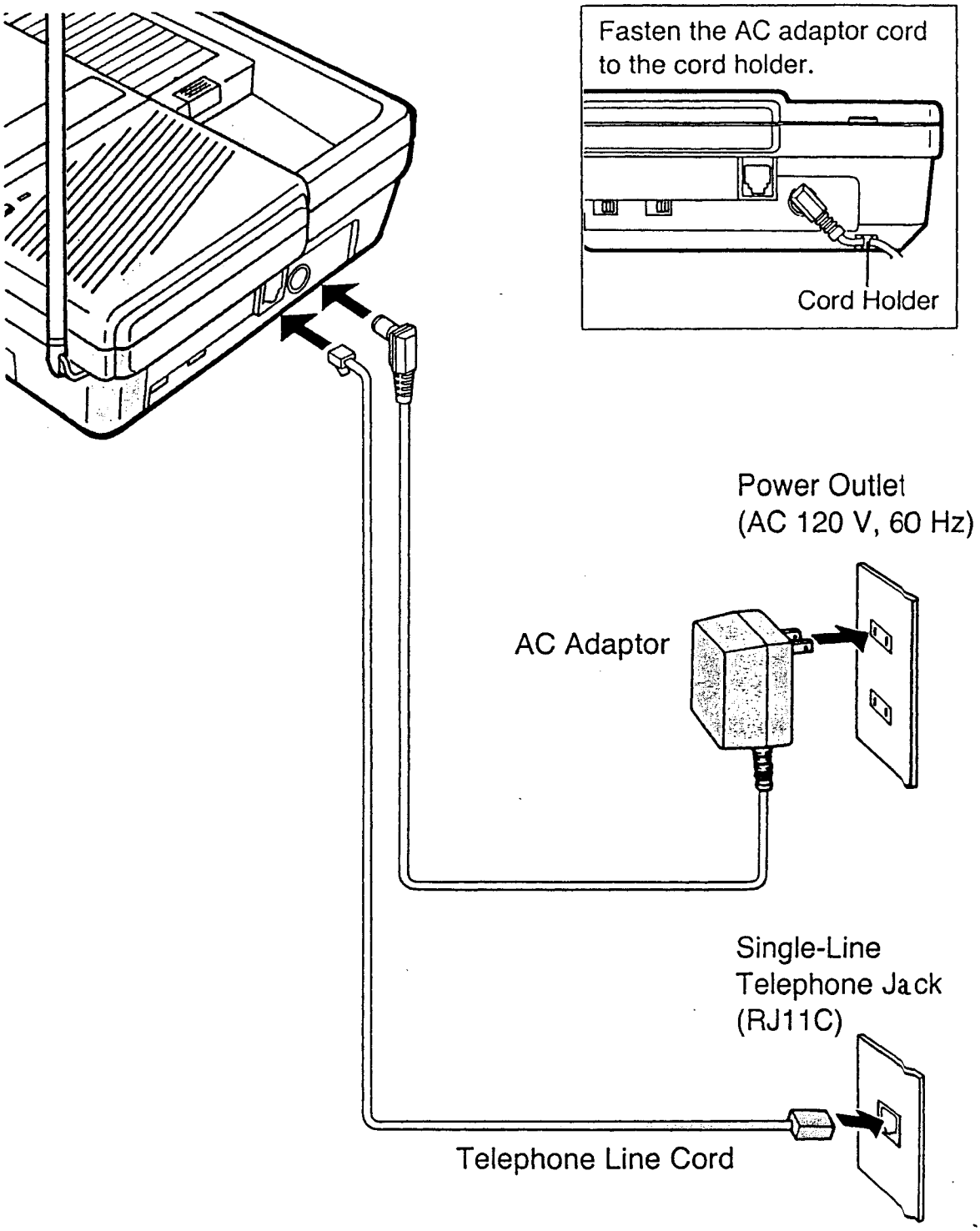


Insert the micro cassette tape with the full reel
to the right and the exposed tape facing you.

Incoming Message Tape
(MC-30)



Connection



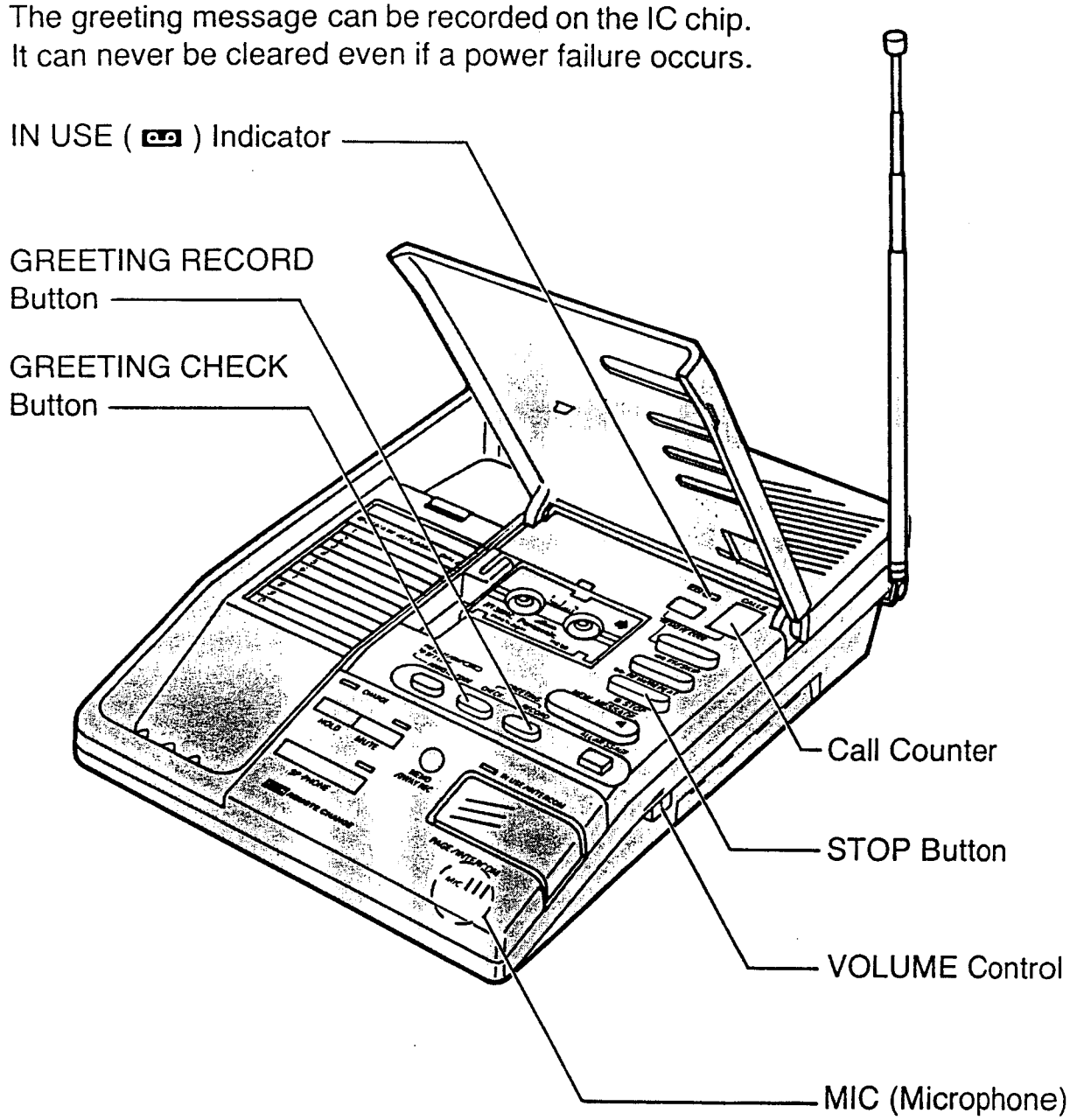
Notes:

—USE ONLY Panasonic AC ADAPTOR KX-A11A or KX-A11. It must remain connected at all times.

—The unit will not function during a power failure. We recommend you connect a reserve telephone on the same line for power failure protection (see page 59).

Recording a greeting message

The greeting message can be recorded on the IC chip.
It can never be cleared even if a power failure occurs.

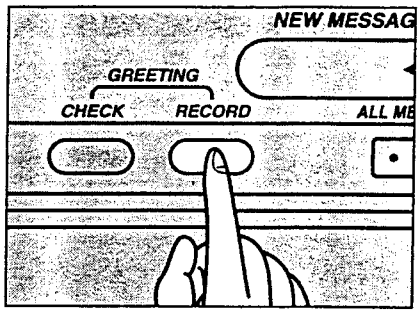


Samples of greeting messages

When the REC TIME selector is in the VOX (unlimited) position:
"Hello, this is (your name and/or number). Sorry, I cannot take your call. Please leave your message after a long beep. Thank you."

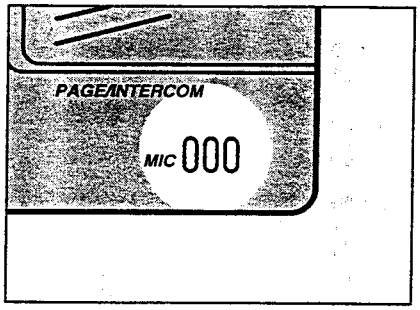
When the REC TIME selector is in the 1 MIN position:
"Hello, this is (your name and/or number). Sorry, I cannot take your call. Please leave your message after a long beep. Your recording time is up to 1 minute. Thank you."

The recording time is up to 16 seconds.

1 

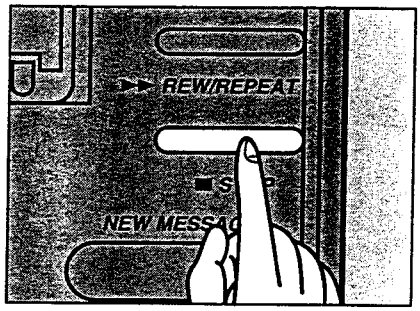
Press the GREETING RECORD button, then release it.

—A long beep sounds.

2 

Immediately after the long beep, speak clearly and loudly, 20 cm (8″) away from the MIC (microphone).

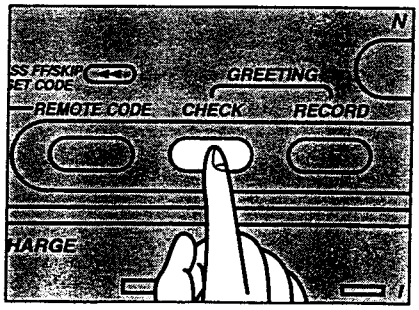
—The call counter counts the elapsed recording time.
—The IN USE ( ) indicator flashes slowly. It flashes quickly after 13 seconds.

3 

When you finished recording, press the STOP button.

Checking the greeting message

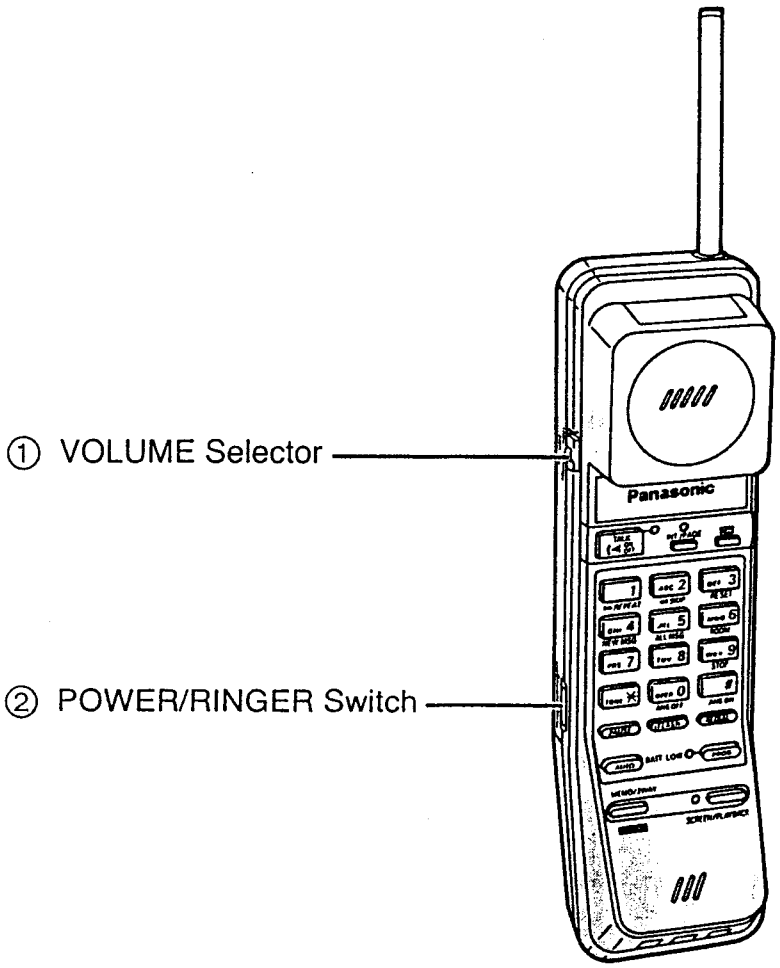
You can play back and check your recorded greeting message.



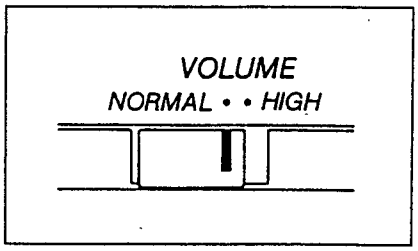
Press the GREETING CHECK button to play back the greeting message.

—Adjust the speaker volume using the VOLUME control (see page 17).

Setting selectors

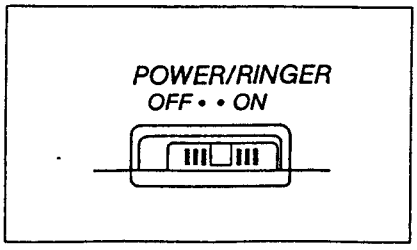


① VOLUME Selector

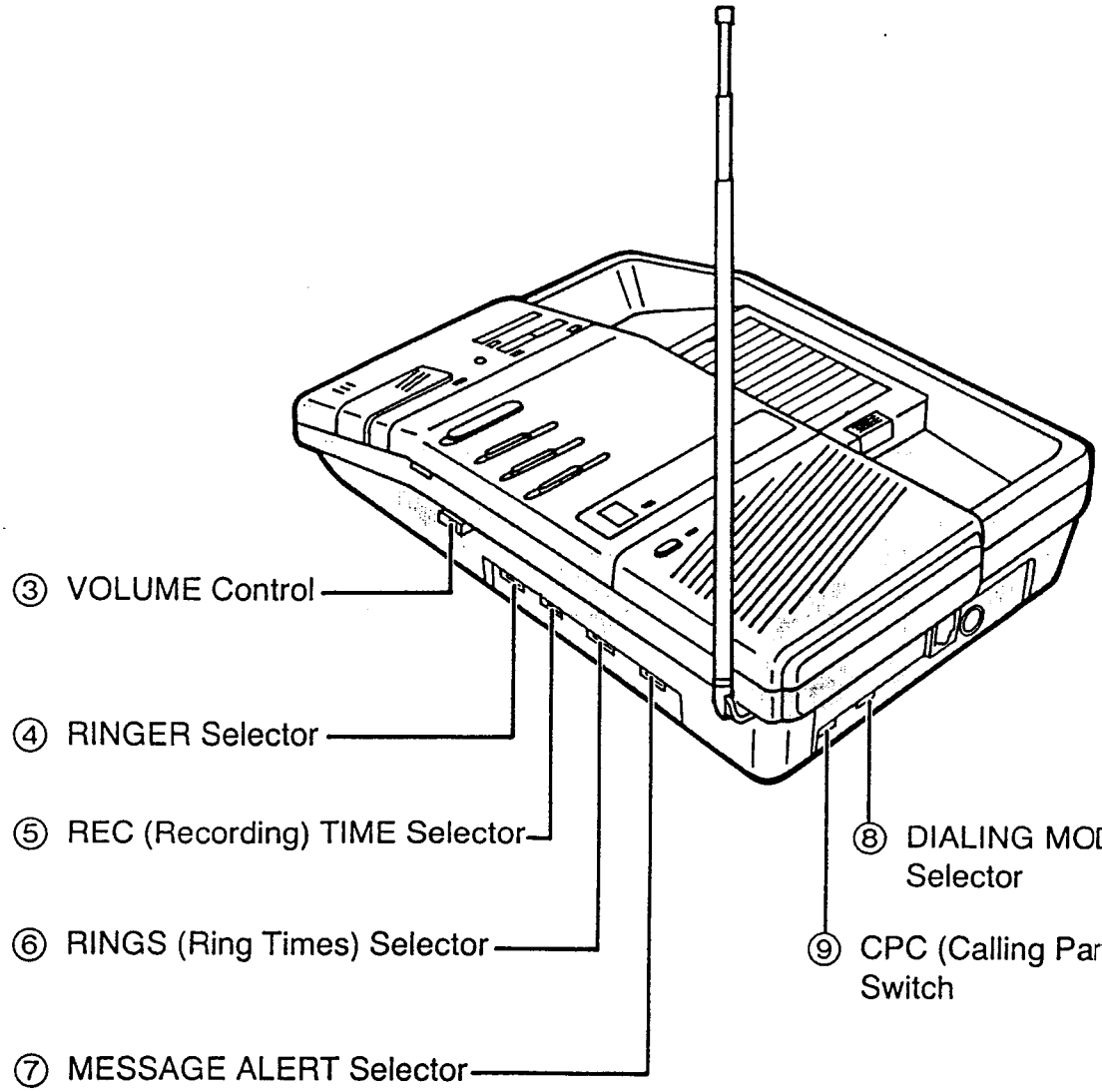


Set to the NORMAL position. If the other party's voice is difficult to hear, set to the HIGH position.

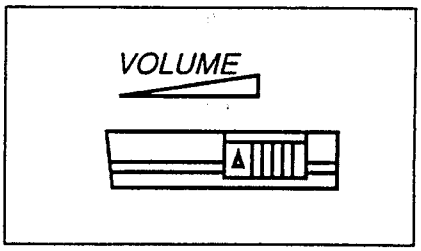
② POWER/RINGER Switch



Set to the ON position. If set to the OFF position, battery power will be saved, but the portable handset will not operate or ring.

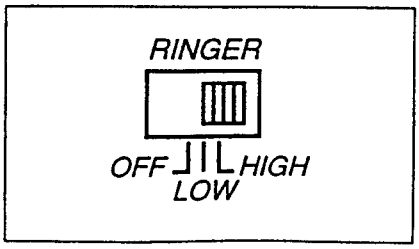

③ VOLUME Control
④ RINGER Selector
⑤ REC (Recording) TIME Selector
⑥ RINGS (Ring Times) Selector
⑦ MESSAGE ALERT Selector
⑧ DIALING MODE Selector
⑨ CPC (Calling Party Control) Switch

③ VOLUME Control



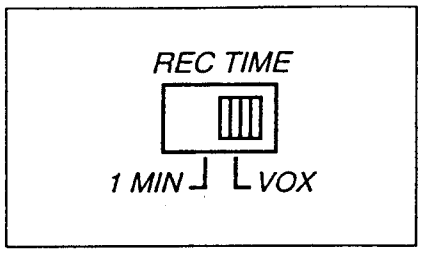
Used to adjust the speaker volume of the base unit. Set to a desired position.

④ RINGER Selector



Used to set the ringer volume of the base unit. Set to the HIGH or LOW position. When setting to the OFF position, the base unit will not ring.

⑤ REC (Recording) TIME Selector

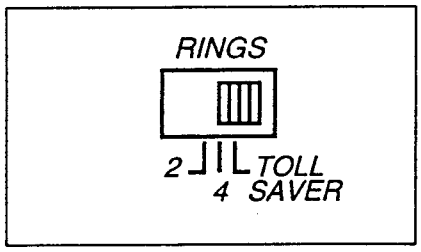


Used to select the caller's recording time.

VOX: Unlimited.

1 MIN: Limited to 1 minute.

⑥ RINGS (Ring Times) Selector



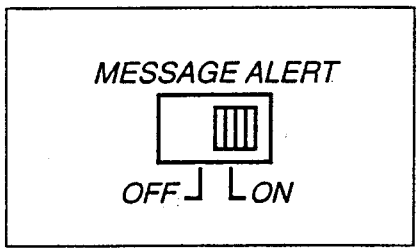
Used to select the number of rings before the unit answers.

2: The unit answers a call on the second ring.

4: The unit answers a call on the fourth ring.

TOLL SAVER: See page 19.

⑦ MESSAGE ALERT Selector

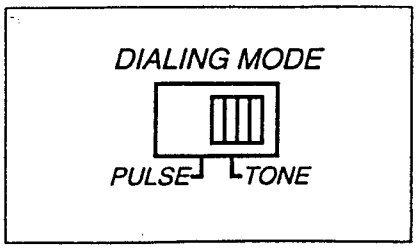


Beeps inform you of the presence of recorded messages in the following manners.

ON: **On the base unit**
When new messages have been recorded, a short beep sounds every 10 seconds.
On the portable handset
When a message recording is over, 4 short beeps sound twice.

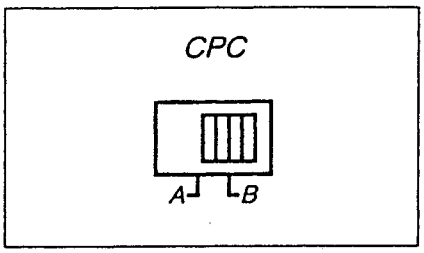
OFF: No beep sounds.

⑧ DIALING MODE Selector



Set to the TONE position when your telephone line has touch tone service. If it has rotary service, set to the PULSE position.

⑨ CPC (Calling Party Control) Switch



If you use call waiting, set to "B". When in the position "A" , the call waiting tone will disconnect someone leaving a message. Set to "A" if you do not use this service.

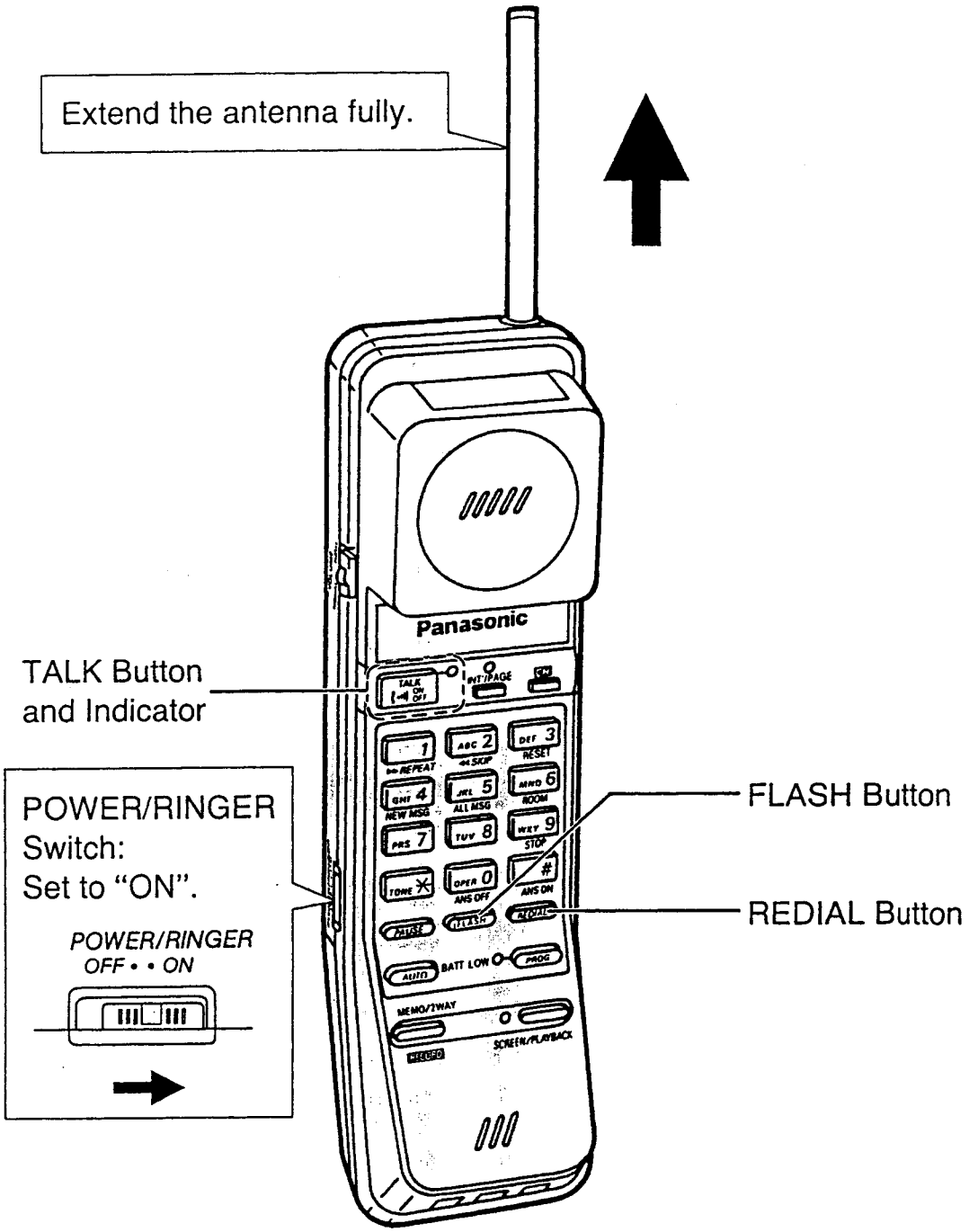
Toll saver

If you set the RINGS selector to the TOLL SAVER position:
When you call the unit from a touch tone telephone, the number of rings before the unit answers informs you if there are any new messages.

—If the unit answers on the 2nd ring: There is at least one new message.
—If the unit answers on the 4th ring: There are no new messages.

Hang up immediately when you hear the 3rd ring. The 3rd ring indicates there are no new messages. This saves you the toll charge for the call.

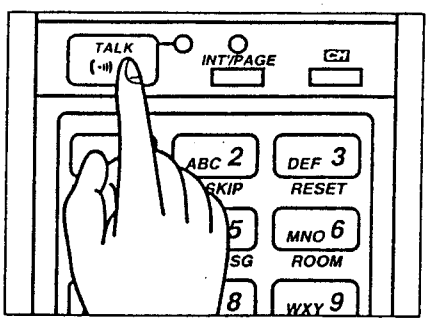
Making calls



Note:

—If alarm tone sounds when you press the TALK button, approach the base unit or place the portable handset on the base unit. Then try again.

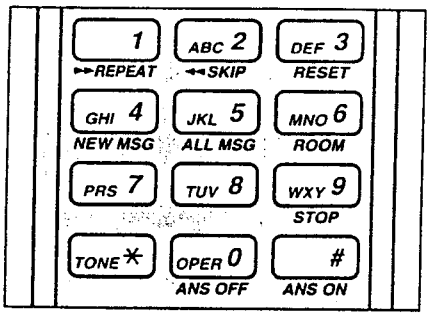
1



Press the TALK button to get dial tone.

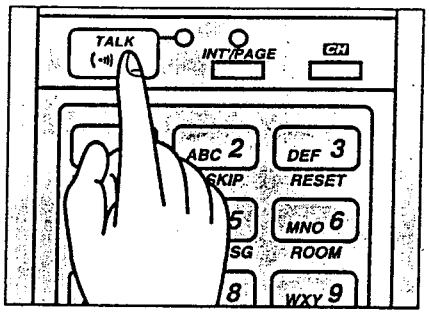
—The TALK indicator light is on.

2



Dial a telephone number.

3



To hang up, press the TALK button or place the portable handset on the base unit.

—The TALK indicator light goes out.

If you misdial

Press the FLASH button firmly.
The dial tone is heard, and you can dial the correct number.

To redial

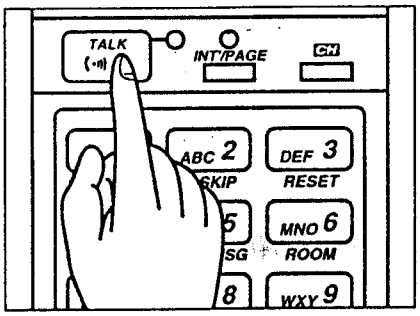
Press the TALK button to get dial tone, then press the REDIAL button.
The last dialed number is automatically redialed.

Answering calls

With the portable handset

Make sure that the POWER/RINGER switch is set to "ON", or the portable handset will not ring.

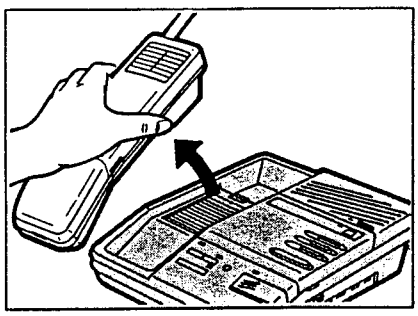
1



If the portable handset is off the base unit:
When the telephone rings, press the TALK button to answer the call.

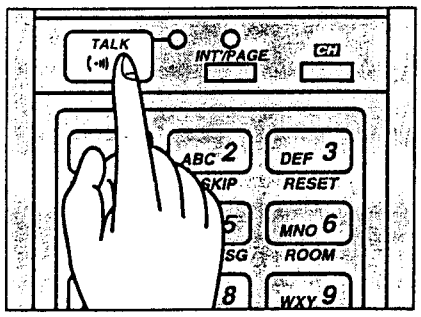
—The TALK indicator light is on.

OR



If the portable handset is on the base unit:
When the telephone rings, lift the portable handset to answer the call.

2



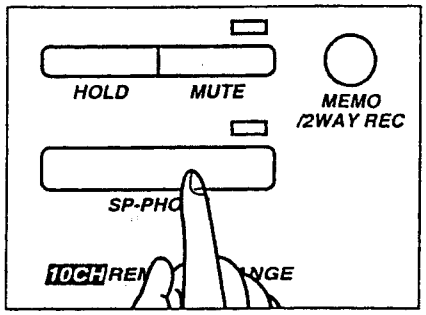
To hang up, press the TALK button or place the portable handset on the base unit.

—The TALK indicator light goes out.

With the base unit

Make sure that the RINGER selector is set to "HIGH" or "LOW", or the base unit will not ring.

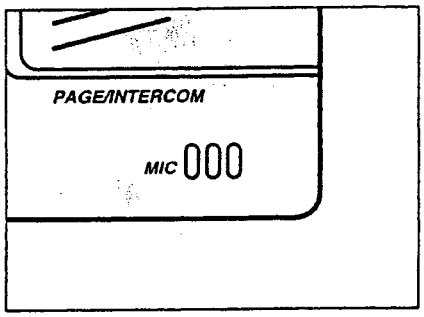
1



When the telephone rings, press the SP-PHONE button to answer the call.

—The SP-PHONE indicator light is on.

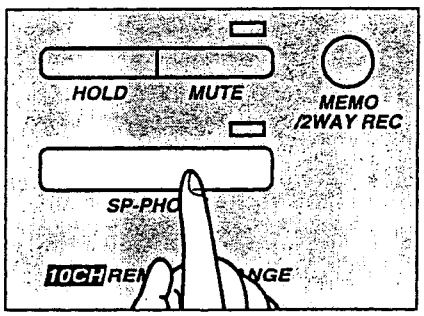
2



Speak into the MIC (microphone).

—Adjust the speaker volume using the VOLUME control on the right side.

3



To hang up, press the SP-PHONE button.

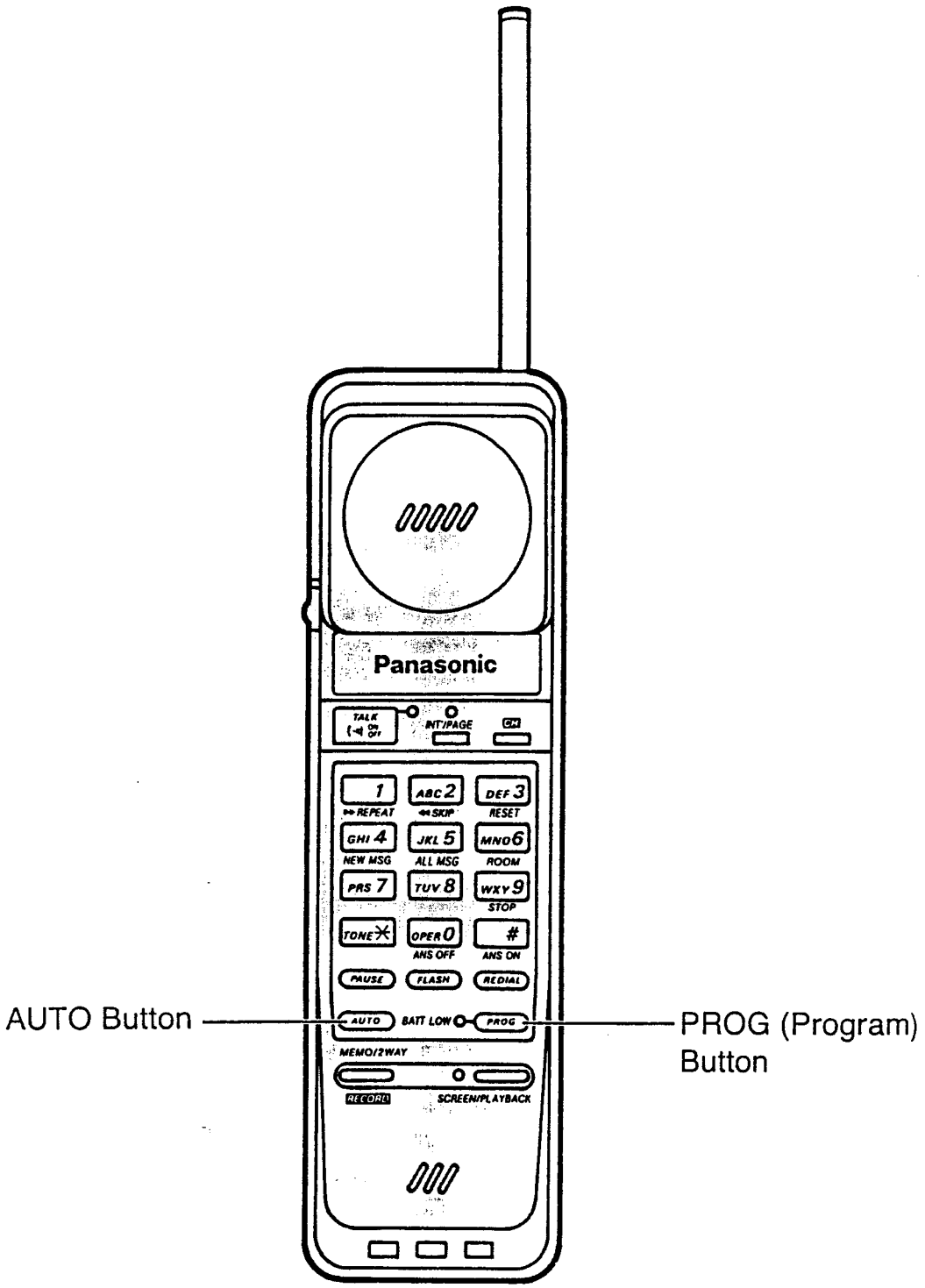
—The SP-PHONE indicator light goes out.

Helpful hints for the speakerphone operation:

—Use the speakerphone in a quiet room for best performance.
—If the other party has difficulty hearing you, decrease the volume.
—If you and the other party speak at the same time, parts of your conversation will be lost. To avoid this, speak alternately.
—While using speakerphone, if the portable handset is on the base unit with powered on, you can switch to it by lifting it.

Automatic dialing

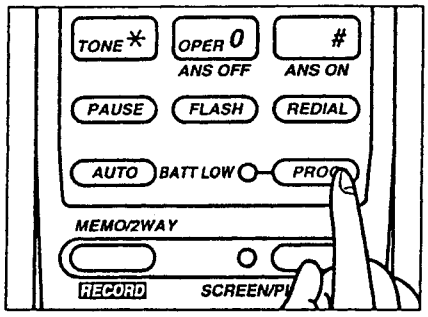
The unit can store 10 phone numbers you often dial into memory.
The stored number is dialed automatically by pressing the AUTO button and one of the dialing buttons.



Storing phone numbers in memory

The dialing buttons (0 through 9) function as memory stations for automatic dialing. A 16-digit phone number can be stored in each station.

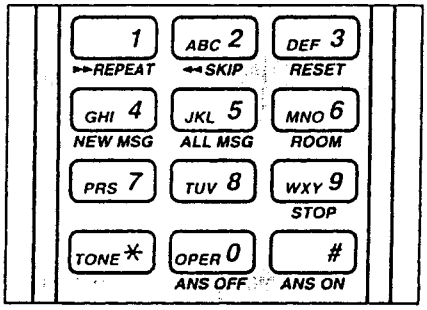
1



Press the PROG button to switch the unit to the programming mode.

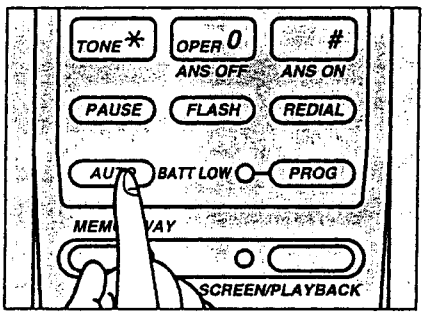
—The BATT LOW indicator light is on.

2



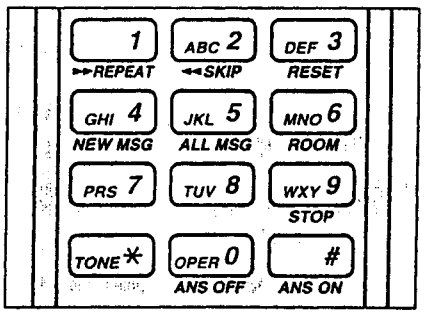
Enter a phone number up to 16 digits.

3



Press the AUTO button.

4

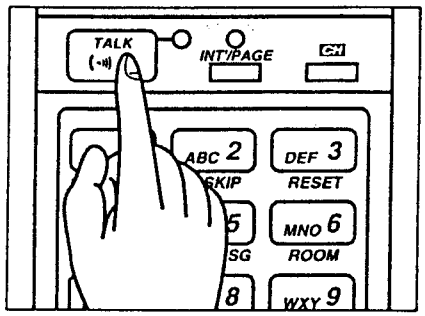


Press one of the dialing buttons (0 through 9) to select the memory station.

—The phone number is stored in that memory location.
—To store other numbers, repeat steps 1 through 4.

Dialing a stored number from memory

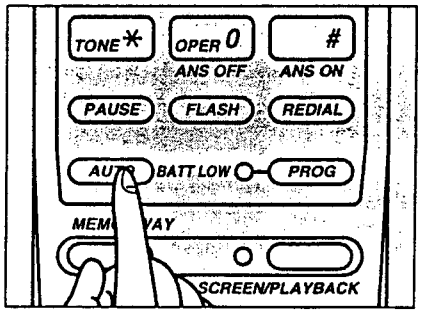
1



Press the TALK button to get dial tone.

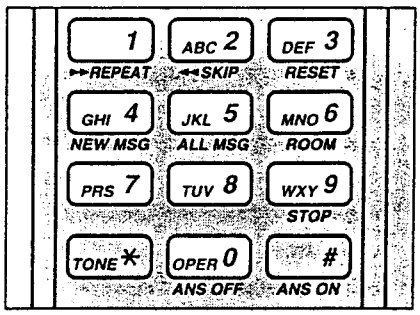
—The TALK indicator light is on.

2



Press the AUTO button.

3



Press the dialing button (0 through 9) where the phone number you want to dial is stored.

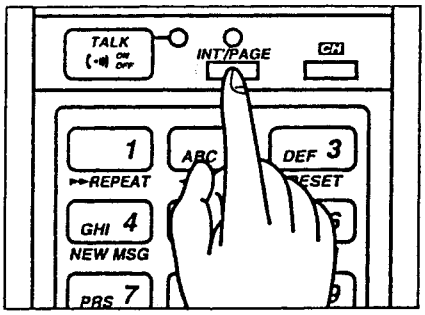
—The stored number is dialed automatically.

Intercom between the portable handset and the base unit

You can use the portable handset and the base unit as a 2-way intercom.

Paging the base unit from the portable handset

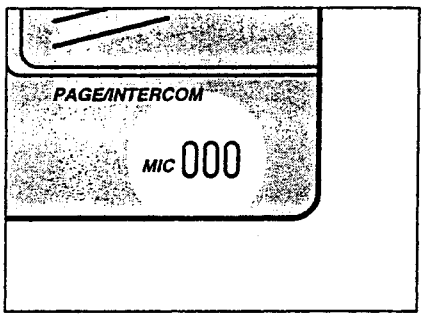
1



The portable handset user:
Press the INT'/PAGE button.

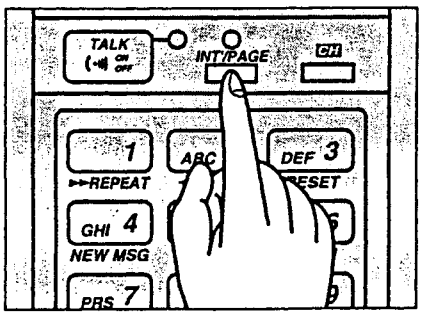
—Both units beep while the INT'/PAGE button is pressed. When you release it, the unit automatically switches to the intercom mode. If there is no answer, press the INT'/PAGE button again to end the intercom.

2



The base unit user:
When the unit beeps and the paging party's voice is heard, answer through the MIC (microphone).

3



The portable handset user:
When the conversation is over, press the INT'/PAGE button.

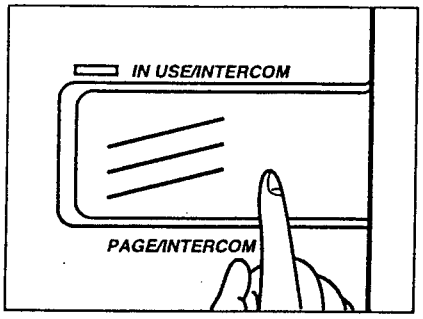
—Intercom calls can only be terminated by the portable handset.

Helpful hint:

—If you hear two tones during an intercom conversation, it means someone is calling from outside. These two tones replace the normal ringing signal. You can answer the call by pressing the TALK button or the SP-PHONE button. The intercom call is then terminated.

Paging the portable handset from the base unit

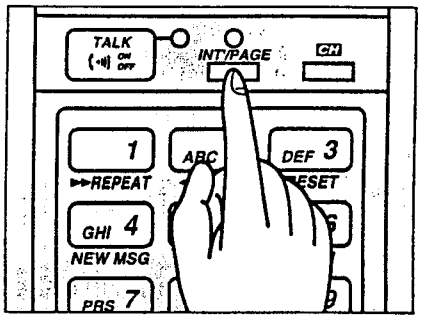
1



The base unit user:
Press the PAGE/INTERCOM button.

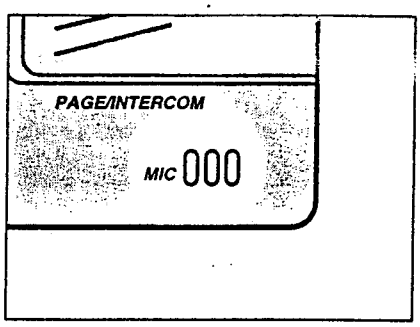
—Both units beep until the portable handset user answers the page. If there is no answer, press the PAGE/INTERCOM button again to stop paging.

2



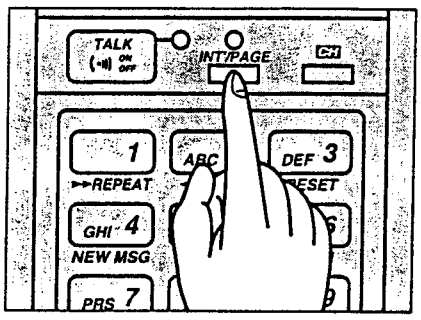
The portable handset user:
When the unit beeps and the INT'/PAGE indicator flashes, press the INT'/PAGE button to answer the page.

3



The base unit user:
Speak to the paged party through the MIC.

4



The portable handset user:
When the conversation is over, press the INT'/PAGE button.

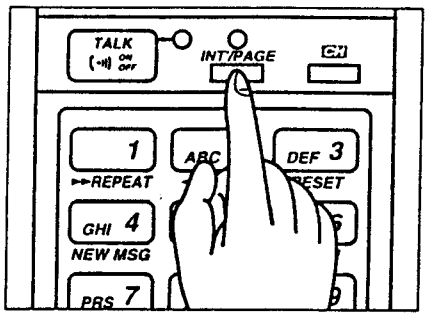
—Intercom calls can only be terminated by the portable handset.

Transferring an incoming call using intercom

Even while in a conversation with an outside caller, intercom can be available. This feature enables you to transfer the call between the portable handset and the base unit.

Transferring from the portable handset to the base unit

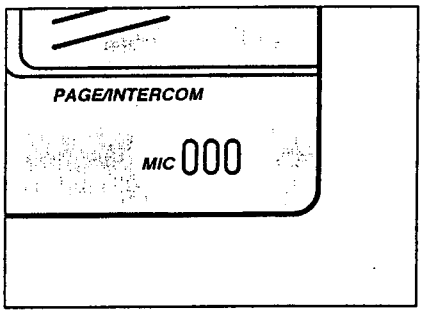
1



The portable handset user:
During a conversation, press the INT'/PAGE button to page the base unit.

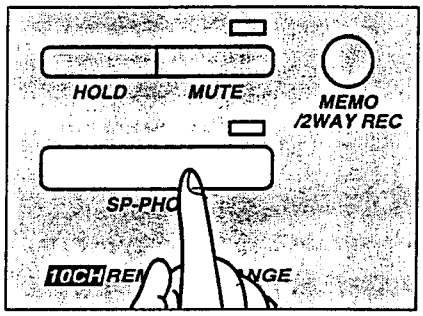
—The outside call is put on hold.

2



The base unit user:
When the paging party's voice is heard, answer through the MIC (microphone).

3



To answer the outside call, press the SP-PHONE button.

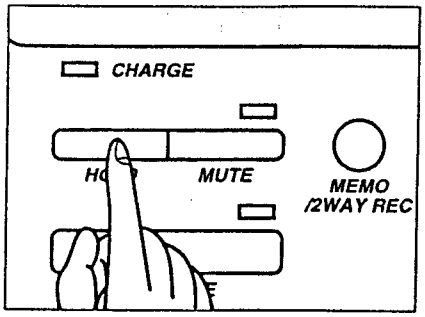
—The transfer is completed.

Helpful hint:

—The portable handset user can join the conversation between the base unit user and the incoming caller by pressing the TALK button. When the conversation is over, press the TALK button again.

Transferring from the base unit to the portable handset

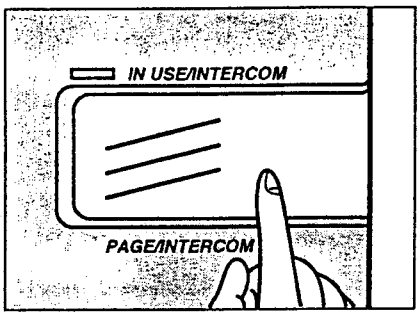
1



The base unit user:
During a conversation, press the HOLD button to put the outside call on hold.

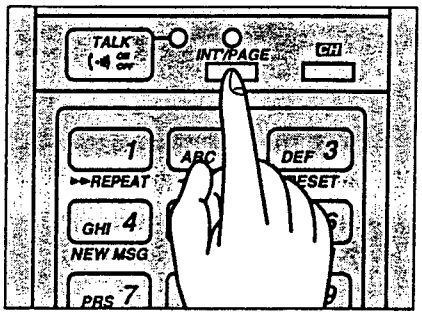
—The SP-PHONE indicator flashes.

2



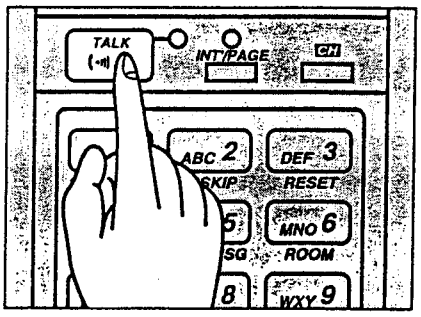
Press the PAGE/INTERCOM button to page the portable handset.

3



The portable handset user:
Press the INT'/PAGE button to answer the paging.

4



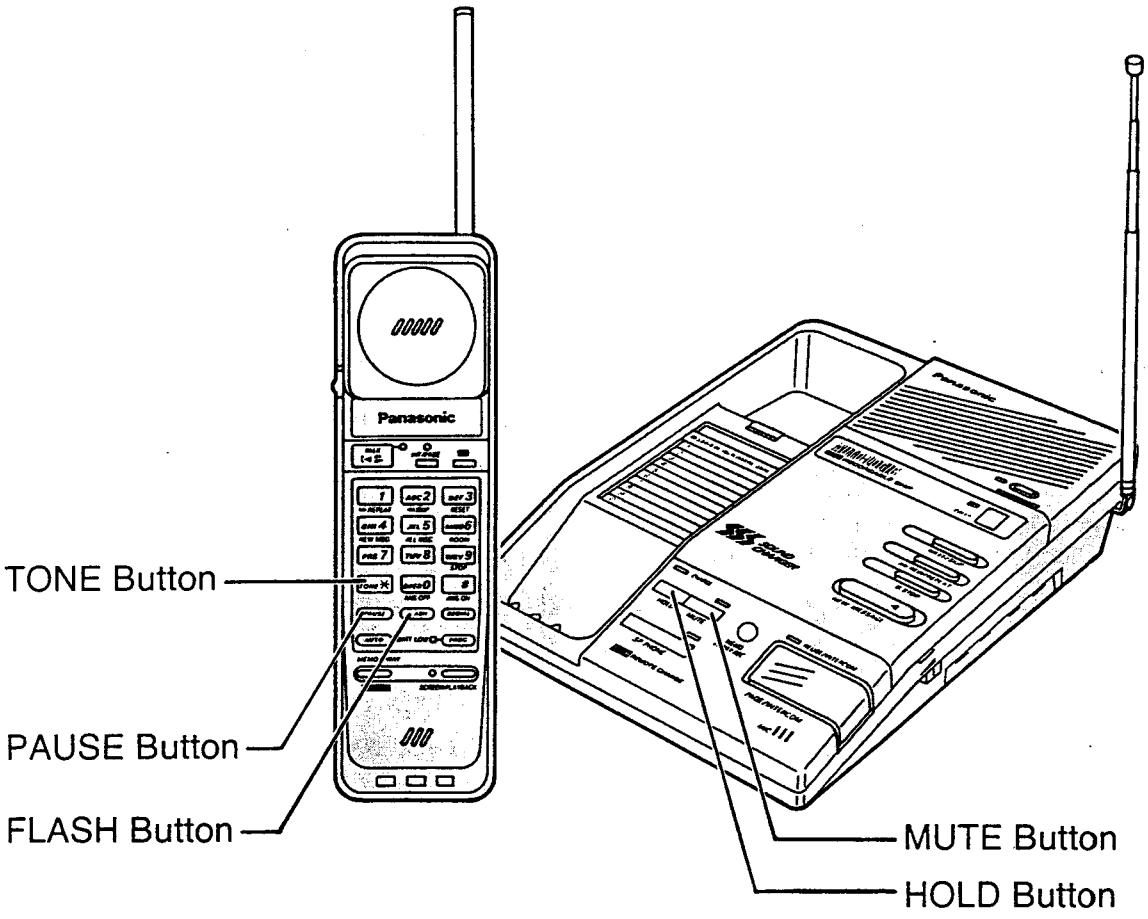
To answer the outside call, press the TALK button.

—The transfer is completed.

Helpful hint:

—The base unit user can join the conversation between the portable handset user and the incoming caller by pressing the SP-PHONE button. When the conversation is over, press the SP-PHONE button again.

Other features



HOLD button (When using SP-PHONE)

Pressing the HOLD button during a conversation enables you to put the call on hold. The SP-PHONE indicator light flashes. To resume the conversation, press the SP-PHONE button. If another telephone is connected on the same line, you can also release hold by lifting its handset.

Note:

—If you place a call on hold for about 7 minutes, warning ringing tone will sound. The call will be disconnected after total about 11 minutes.

MUTE button (When using SP-PHONE)

When you press the MUTE button, the other party cannot hear your voice, while you can hear theirs. The MUTE indicator light is on. To resume the conversation, press the MUTE button again.

FLASH button
(To use the hookswitch feature)

The FLASH button functions as the hookswitch on a regular phone. If you misdial or dial another phone number, press the FLASH button firmly. The call is terminated and the dial tone is heard, you can then dial the next phone number.

If your unit is connected to a PBX, pressing the FLASH button lightly allows you to use special features of the PBX such as transferring an extension call.

Using call waiting service

To use this feature, you must subscribe to the call waiting service offered by your local telephone company.

1. While having a conversation, another party calls and you hear a tone.

2. Press the FLASH button lightly.

The first call is put on hold and you can answer the second call. To return to the first caller, press the FLASH button again. The second call is put on hold.

PAUSE button
(For users behind a PBX)

If your unit is connected to a PBX, you need to dial an access number (usually 9) to get an outside line. In this case, inserting a pause between the access number and the phone number is necessary, especially when redialing or storing the number into memory. Pressing the PAUSE button once makes a 3.5-second pause.

Temporary tone dialing

If your line has rotary service, pressing the TONE (✳) button allows you to change the dialing mode temporarily into tone. Then you can dial the numbers or codes needed to operate the answering system or to use electronic banking services and other special services.
When you hang up, the dialing mode returns to pulse automatically.

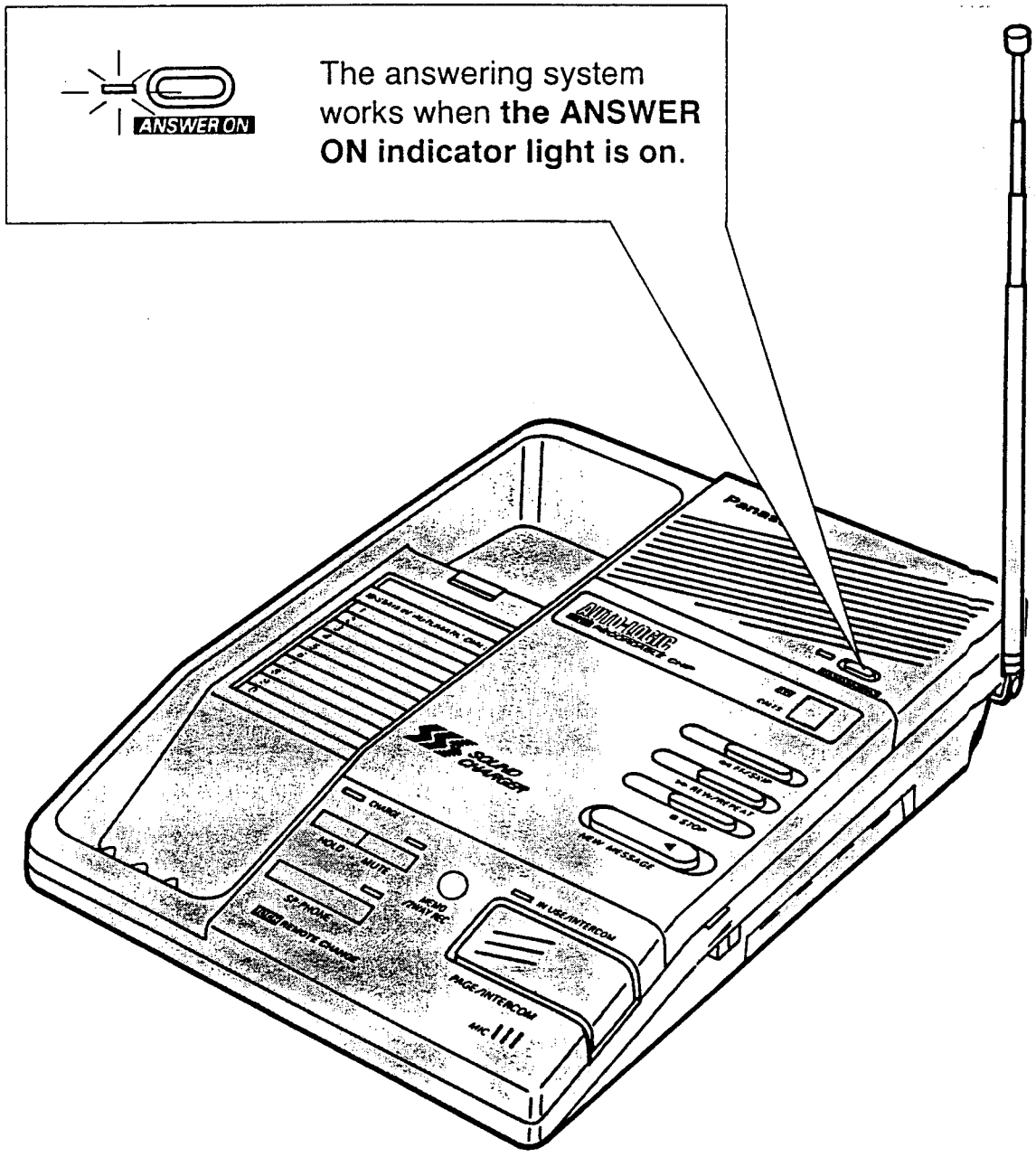
Automatic security code setting

Whenever you place the portable handset on the base unit, the unit automatically selects one of 1,000 security codes. This code helps to avoid unauthorized use of your telephone line by another cordless telephone in your area.

Automatic answering operation

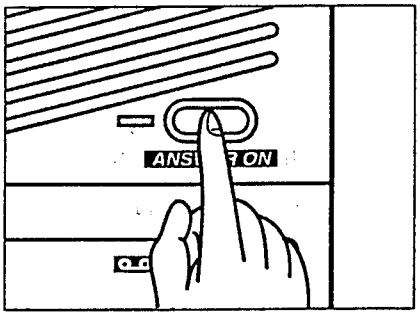
When a call is received, the unit plays back your greeting message and records the callers' message.
After the call is completed, it will be ready for the next call automatically.

ANSWER ON Button and Indicator



Setting the unit to answer the call

Set the unit as follows to answer calls and record messages.



Press the ANSWER ON button to turn on the answering system.

—The ANSWER ON indicator light is on and the unit is now ready to answer the call.

Helpful hint:

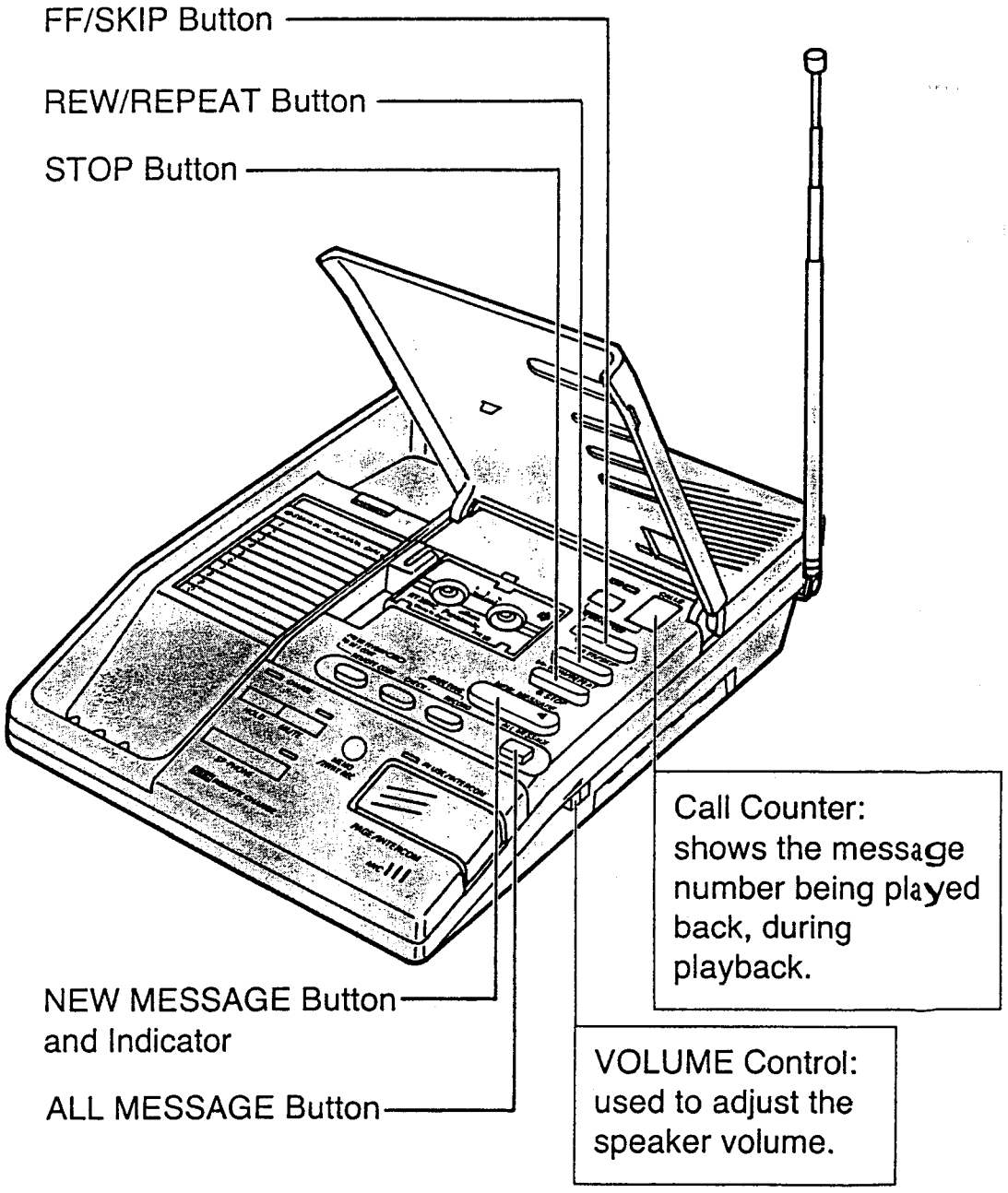
—If you left home without turning on the answering system, you can turn it on remotely using a touch tone phone (see page 48).

To turn off the answering system

If you do not want the unit to answer the call, press the ANSWER ON button, and confirm the ANSWER ON indicator light goes out.

Listening to the recorded messages

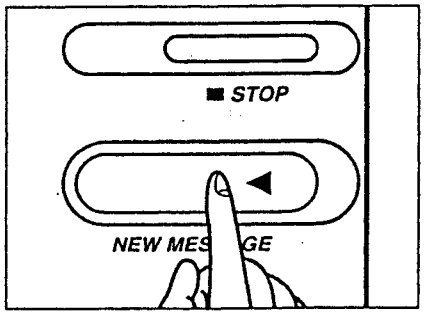
When new incoming messages have been recorded;
—the call counter shows the number of recorded messages up to 9.
—the NEW MESSAGE indicator flashes.
—the base unit beeps every 10 seconds if the MESSAGE ALERT selector is set to "ON".


FF/SKIP Button
REW/REPEAT Button
STOP Button
Call Counter: shows the message number being played back, during playback.
NEW MESSAGE Button and Indicator
ALL MESSAGE Button
VOLUME Control: used to adjust the speaker volume.

Note:
—The call counter remains "9", if the number of messages exceeds 9. However, the messages can be recorded to the tape end.

Listening to new messages only

Only new messages are played back. Messages once reviewed will not be played back.

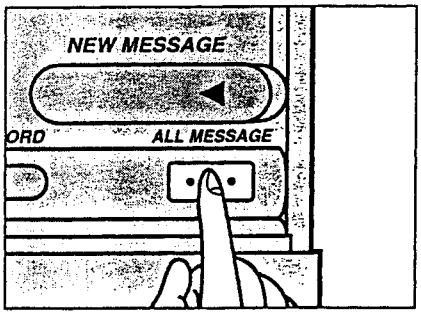


Press the NEW MESSAGE button.

—The unit rewinds the tape and starts playback.
—At the end of playback, 3 beeps sound and the tape stops automatically.

Listening to all the recorded messages

All the recorded messages—including those previously reviewed or saved—will be played back from the beginning of the tape.



Press the ALL MESSAGE button.

—The unit rewinds the tape and starts playback.
—At the end of playback, 3 beeps sound and the tape stops automatically.

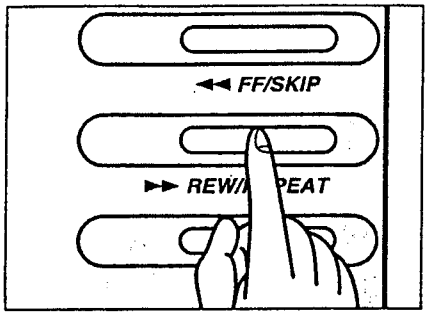
Note:
—After playback, the messages are saved. To reset the tape, see page 39.

AUTO-LOGIC™

By pressing the NEW or ALL MESSAGE button, the unit automatically;
—rewinds the tape and plays back the messages
—beeps once after each message
—stops the tape and beeps 3 times after the last message has been played
—prepares to record new messages after the old messages

During message playback

Repeating the message



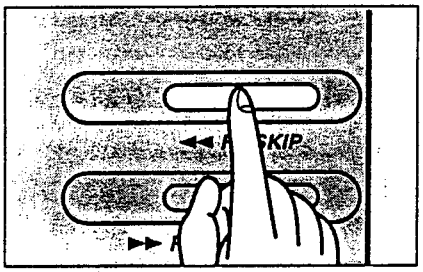
Press the REW/REPEAT button.

—The unit rewinds the tape to the beginning of the message and starts playback again.

Note:

—If you press the REW/REPEAT button within 5 seconds of playing back the message, the unit will play back the previous message.

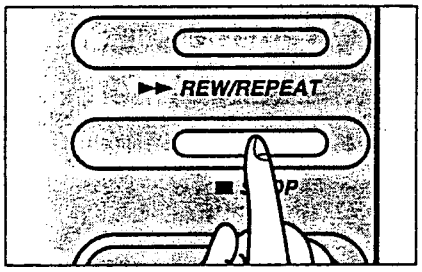
Skipping the message



Press the FF/SKIP button.

—The unit forwards the tape to the beginning of the next message and starts playback again.

Stopping the operation



Press the STOP button to stop playing back, or other operation.

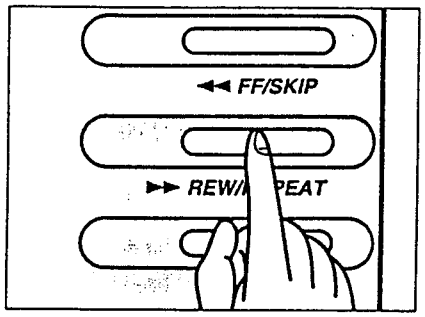
In case your unit is not in playback operation

—When you press the REW/REPEAT button, the unit automatically rewinds the tape to the beginning.

—When you press the FF/SKIP button, the unit automatically forwards the tape to the end of the last message.

Resetting the incoming message tape

After listening to the messages, you may reset the tape.



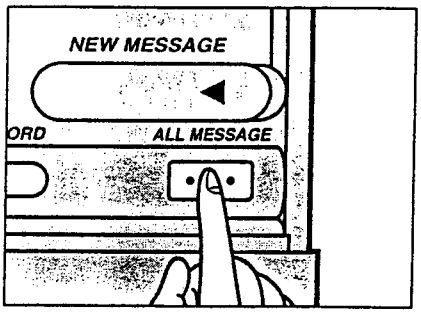
Press the REW/REPEAT button when the unit is not in playback.

—The tape is rewound to the beginning and new messages will be recorded over the old ones.
—The call counter shows "0".

Saving specified messages

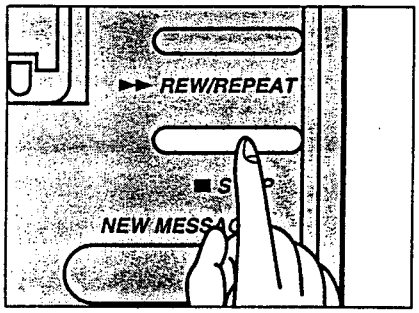
All recorded messages are saved until you reset the tape. If you want to save some messages only, do as follows.

1



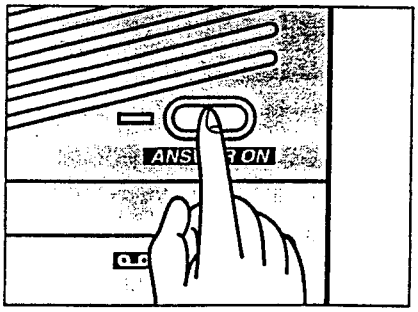
Press the ALL MESSAGE button to play back the messages.

2



Press the STOP button at the end of the messages you want to save.

3



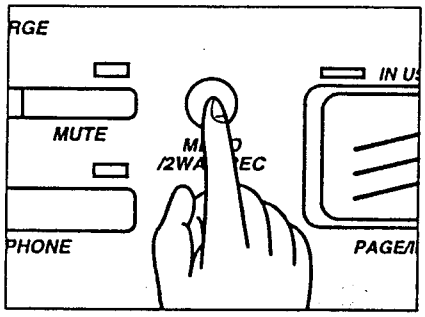
Press the ANSWER ON button to turn on the answering system.

—The ANSWER ON indicator light is on.
—The new messages will be recorded after the message(s) you have saved.

Recording your own message

You may record a personal message on the tape. It can be heard by anyone playing back messages remotely or manually.
To use this feature with the portable handset, see page 53.

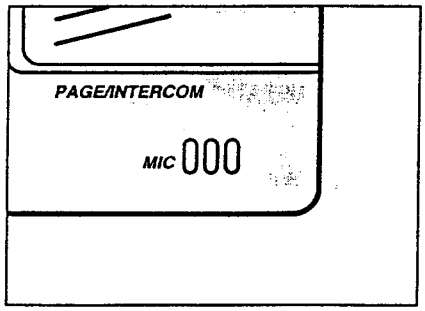
1



Press the MEMO/2WAY REC button.

—A long beep sounds.
—The number on the call counter increases by one.

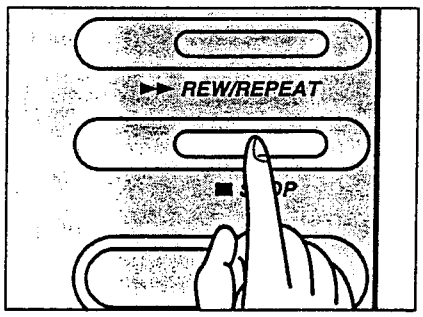
2



Speak after the long beep, about 20 cm (8″) away from the MIC (microphone).

—The IN USE ( ) indicator flashes.

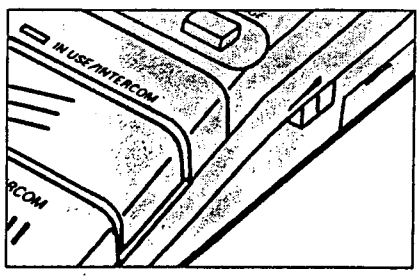
3



To stop recording, press the STOP button.

Monitoring an incoming call

While an incoming call is being recorded, you can monitor and answer it if you wish. To use this feature with the portable handset, see page 53.



When the unit answers a call, the caller's message is heard through the speaker on the base unit.

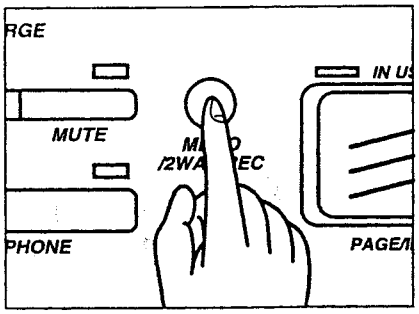
Adjust the volume using the VOLUME control.

Helpful hint:

—To answer the call while monitoring, press the SP-PHONE or TALK button. The unit stops recording.

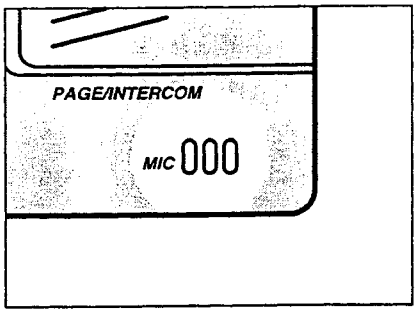
Recording a telephone conversation

While speaking with someone with the base unit, you can record your conversation.
To use this feature with the portable handset, see page 54.

1 

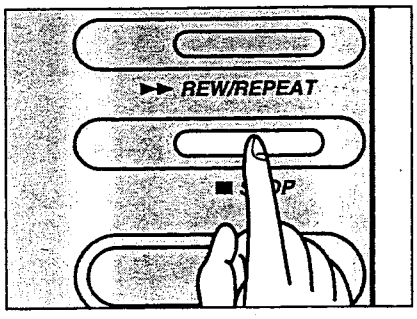
During your conversation, press the MEMO/2WAY REC button.

—A beep sounds. Then the recording starts.
—The number on the call counter increases by one.

2 

Continue your conversation through the MIC.

—The IN USE ( ) indicator flashes.

3 

To stop recording, press the STOP button.

Note:
—Many states have imposed regulations on the manner in which 2-way telephone conversations may be recorded, so you should inform the other party that the conversation is being recorded. Consult your local telephone company for further information.

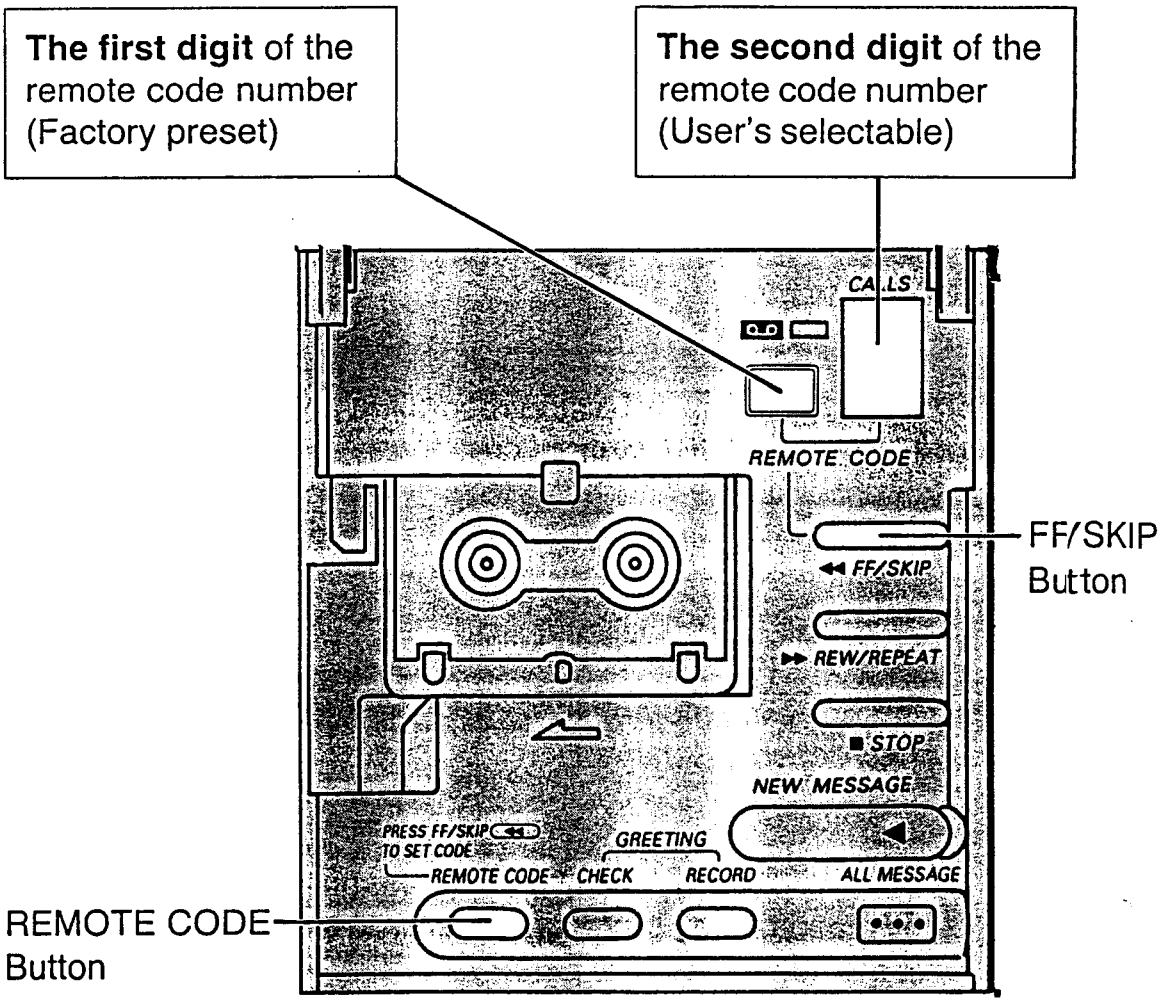
Remote operation from a touch tone phone

You can operate the answering system from any touch tone phone.

—For toll saver feature, see page 19.

Setting the remote code number

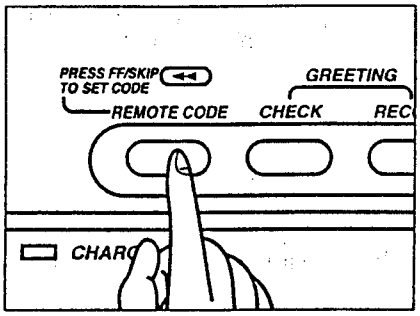
The remote code number prevents unauthorized persons from accessing your unit and listening to your messages. The number has **2 digits**. **The first digit is factory preset, and you can select the second digit** ("0" through "9").



Example:

—If the factory preset number is "3", then your remote code number could be one of "30" through "39".

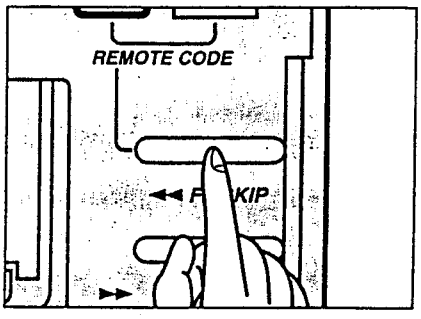
To select the second digit of the remote code number

1 

Press the REMOTE CODE button.

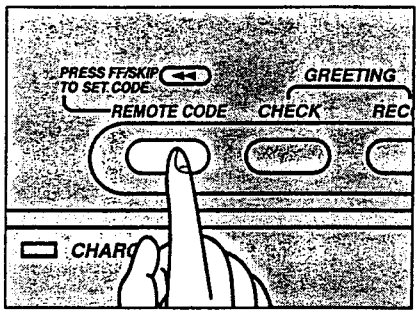
—The current number is displayed on the call counter.

—A flashing dot below the number shows the unit is in the programming mode.

2 

Press the FF/SKIP button repeatedly to select the number.

—The displayed number is stored as the second digit of the remote code number.

3 

When you finished, press the REMOTE CODE button.

—The call counter returns to the number of messages.

Note:

—If you do not press any button over 10 seconds on step 1 or 2, the call counter automatically returns to the number of messages.

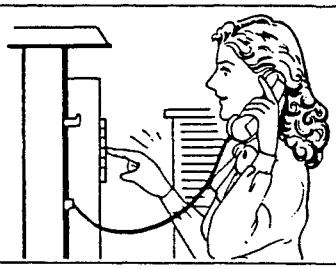
To check the stored number

Press the REMOTE CODE button.
The second digit of the remote code number is displayed on the call counter. After confirmation, press the REMOTE CODE button again.

From a touch tone phone

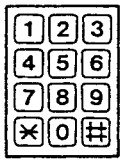
Basic remote operation

1 Call your unit from a touch tone telephone.



2 Press your remote code number during greeting message playback.

—Short beeps sound up to 8 times, to indicate the number of new messages.



Remote code no.

3

GHI 4 **To play back new messages only**

Press 4 button.

—The unit plays back only the messages that you have not retrieved.

JKL 5 **To play back all messages**

Press 5 button.

—The unit plays back all the recorded messages.

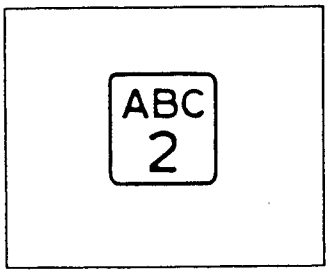
3 beeps sound at the end of playback.

4 Hang up. The messages are saved.

Note:

—If you hear 6 beeps after greeting message playback, the incoming message tape is full, so reset the tape (see page 45).

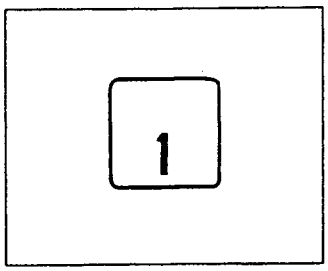
During playback



To skip the message

Press [2] button.

—The unit forwards the tape to the beginning of the next message and starts playback.



To repeat the message

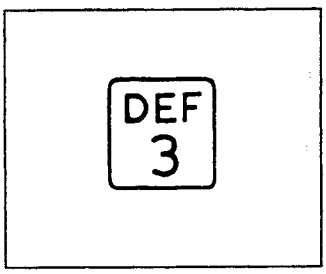
Press [1] button.

—The unit rewinds the tape to the beginning of the message and starts playback.

Helpful hint:

—To stop playback temporarily, press "9". To resume it, press "9" again within 15 seconds. Otherwise the call will be disconnected.

To reset the tape after playback



Press [3] button within 5 seconds.

—When you played back all messages, the unit rewinds the tape to the beginning.
—When you played back only new messages, the unit rewinds the tape to the beginning of new messages.
—A beep sounds after rewinding the tape.

If you want to rewind the tape to the beginning after playing back only new messages:

Press [3] button again after hearing a beep (the tape has been reset).

—The unit rewinds the tape to the beginning.

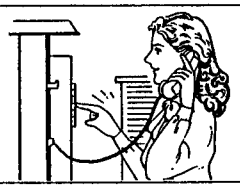
If you want to cancel the resetting of the tape:

Press [2] button.

From a touch tone phone

Advanced remote operation

1 Call your unit from a touch tone telephone.



To skip the greeting message (For outside caller)

Press [*] button during greeting message playback.

—Callers can record their messages without listening to your greeting message.

2 Press your remote code number during greeting message playback.

—Short beeps sound up to 8 times, to indicate the number of new messages.

Remote code no.

3 **To re-record the greeting message**

① Press [7] button.

—A long beep sounds.

② Speak immediately after the long beep.

—The recording time is up to 16 seconds.

③ To stop recording, press [9] button.

—The newly recorded greeting message will be played back.
—When you want to re-record, start again from step ①.

To monitor the room sound

Press [6] button.

—You can monitor the sound in the room where the unit is installed for 30 seconds.
—A beep sounds when 30 seconds are up.

To monitor again after the time-out:

Press [6] button again within 10 seconds of hearng the beep.

4 Hang up to end the remote operation.

From a touch tone phone

To record your own message (Marker message)

You can leave your own message on the tape after listening to the last message.

1. After 3 beeps indicating the end of the last message, wait for 10 seconds and start to speak your message when 2 beeps sound.

2. To finish recording, hang up.

To turn off the answering system

1. Call your unit from a touch tone telephone.

2. Press your remote code number during greeting message playback.

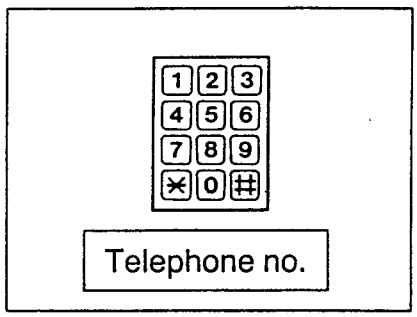
3. Press [0] button within 3 seconds.

   The answering system is turned off. Then hang up.

To turn on the answering system

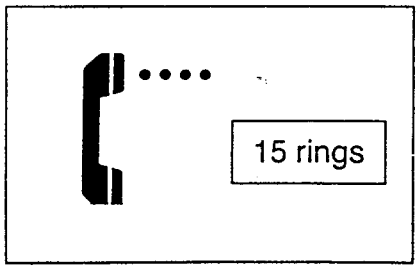
You can easily turn on the answering system even when you forgot to turn it on.

1



Call your unit.

2



Wait for 15 rings.

—The unit will answer, and the greeting message is heard. Then hang up.

Remote operation from the portable handset

You can operate your answering system remotely with your portable handset.

If the SCREEN/PLAYBACK indicator flashes when you press the SCREEN/ PLAYBACK button, the answering system is off.
To set the unit to answer calls, press "#".

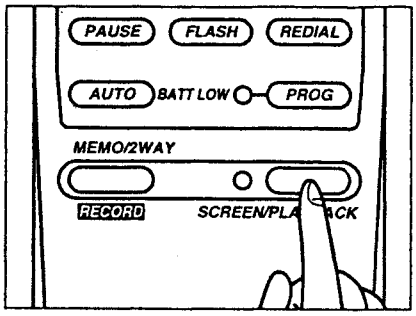
Note:

—When the MESSAGE ALERT selector is set to "ON", 4 short beeps sound twice on the portable handset, which means that the recording of an incoming message is over.

Basic remote operation

1 Press the SCREEN/PLAYBACK button.

—Short beeps sound up to 8 times, to indicate the number of new messages.



2

GHI 4 NEW MSG **To play back new messages only**

Press **GHI 4 NEW MSG** button.

—The unit plays back only the messages that you have not retrieved.

JKL 5 ALL MSG **To play back all messages**

Press **JKL 5 ALL MSG** button.

—The unit plays back all the recorded messages.

3 beeps sound at the end of playback.

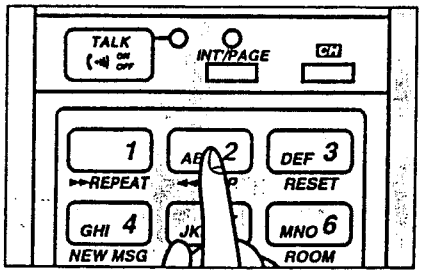
3 Press the SCREEN/PLAYBACK button to end the operation.

—The messages are saved.

Helpful hint:

—To stop playback temporarily, press **WXY 9 STOP** . To resume it, press **WXY 9 STOP** again within 15 seconds. Otherwise the remote operation will be terminated.

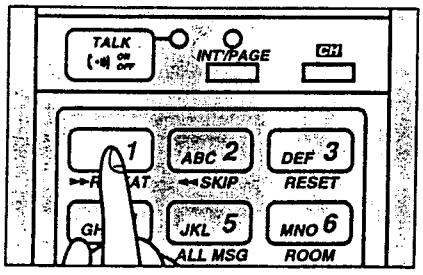
During playback



To skip the message

Press [ABC 2 ◂◂SKIP] button.

—The unit forwards the tape to the beginning of the next message and starts playback.

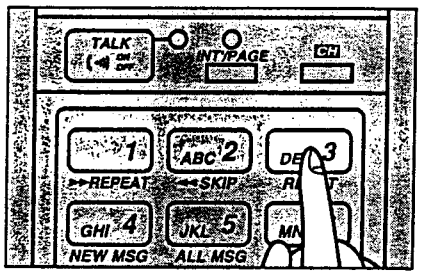


To repeat the message

Press [1 ▸▸REPEAT] button.

—The unit rewinds the tape to the beginning of the message and starts playback.

To reset the tape after playback



Press [DEF 3 RESET] button.

—When you played back all messages, the unit rewinds the tape to the beginning.
—When you played back only new messages, the unit rewinds the tape to the beginning of new messages.
—A beep sounds after rewinding the tape.

If you want to rewind the tape to the beginning after playing back only new messages:

Press [DEF 3 RESET] button again after hearing a beep (the tape has been reset).

—The unit rewinds the tape to the beginning.

If you want to cancel the resetting of the tape:

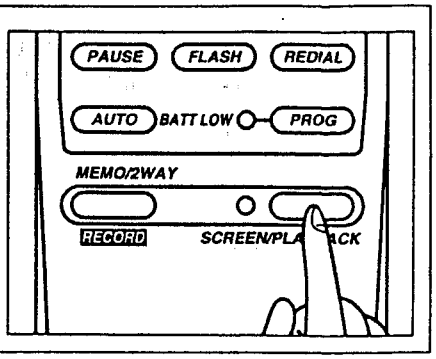
Press [ABC 2 ◂◂SKIP] button.

From the portable handset

Advanced remote operation

1 Press the SCREEN/PLAYBACK button.

—Short beeps sound up to 8 times, to indicate the number of new messages.



2 **To monitor the room sound**

Press MNO 6 ROOM button.

—You can monitor the sound in the room where the base unit is installed for 30 seconds.
—A beep sounds when 30 seconds are up.

To monitor again after the time-out:

Press MNO 6 ROOM button again within 10 seconds of hearing the beep.

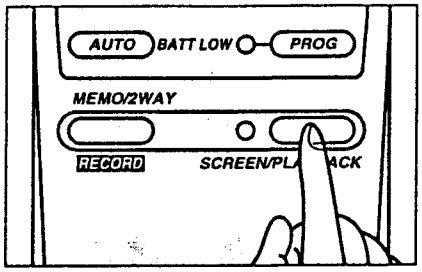
3 Press the SCREEN/PLAYBACK button to end the operation.

—The messages are saved.

To monitor an incoming call

You will know that an incoming message is being recorded by the slow flashing of the SCREEN/PLAYBACK indicator.

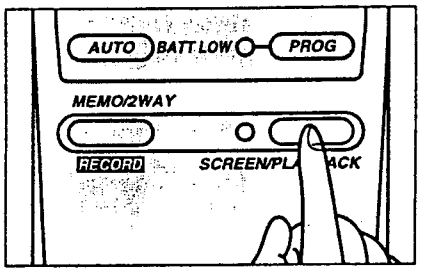
1



Press the SCREEN/PLAYBACK button.

—The SCREEN/PLAYBACK indicator turns to a steady light from a slow flashing, and you can listen to the incoming call.

2



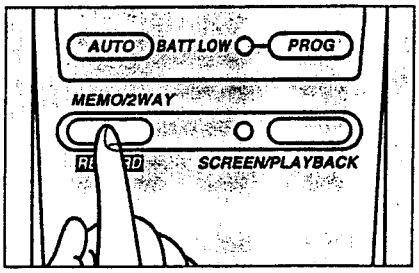
To stop remote operation, press the SCREEN/PLAYBACK button again.

Helpful hint:

—To answer the call while monitoring, press the TALK button. The unit stops recording.

To record your own message

1



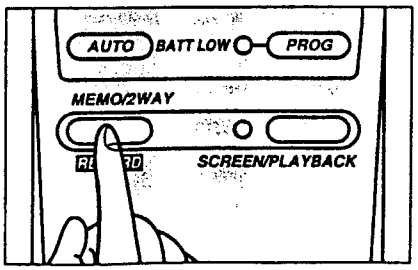
Press the MEMO/2WAY RECORD button.

—The SCREEN/PLAYBACK indicator light is on.
—A long beep sounds.

2

Speak into your portable handset after the long beep.

3

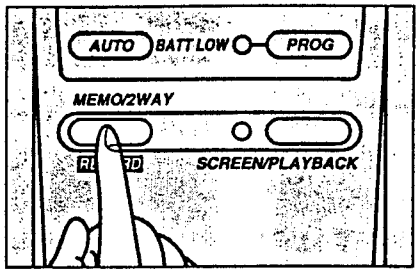


To stop recording, press the MEMO/2WAY RECORD button.

—The SCREEN/PLAYBACK indicator light goes out.

From the portable handset

To record your telephone conversation

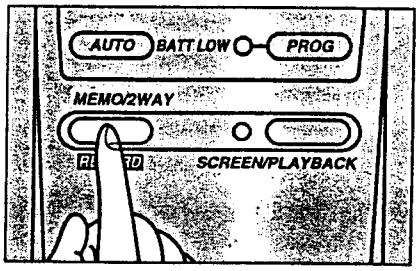
1 

During your conversation, press the MEMO/2WAY RECORD button.

—The SCREEN/PLAYBACK indicator light is on.
—A long beep sounds.

2

Continue your conversation.

3 

To stop recording, press the MEMO/2WAY RECORD button.

—The SCREEN/PLAYBACK indicator light goes out.

Note:

—Many states have imposed regulations on the manner in which 2-way telephone conversations may be recorded, so you should inform the other party that the conversation is being recorded. Consult your local telephone company for further information.

To turn off the answer mode

1. Press the SCREEN/PLAYBACK button.
2. Press OPER 0 (ANS OFF) button.

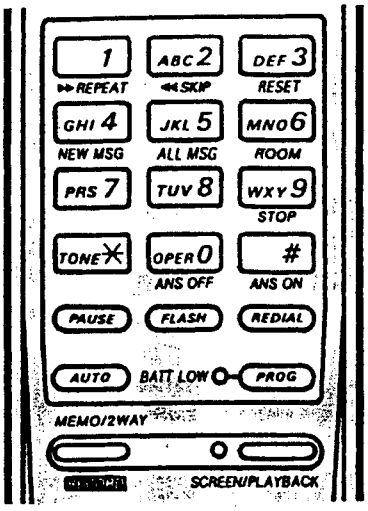
   The SCREEN/PLAYBACK indicator light flashes and the answer mode is turned off.

To turn on the answer mode

1. Press the SCREEN/PLAYBACK button.
2. Press # (ANS ON) button.

   The SCREEN/PLAYBACK indicator light is on and the answer mode is turned on.

OPERATION FROM PORTABLE HANDSET



If the SCREEN/PLAYBACK indicator flashes when you press the SCREEN/PLAYBACK button, the answering system is off. To set the unit to answer calls, press #.

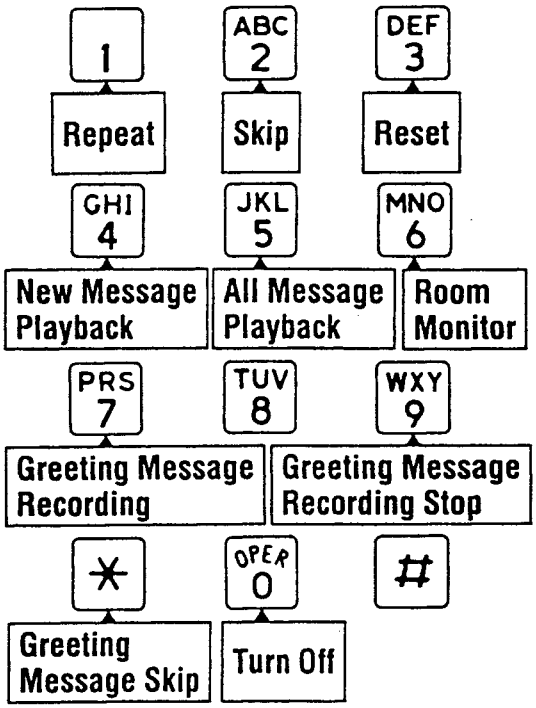
Press the SCREEN/PLAYBACK button.

Press your desired dial button.

—**To play back all messages,** press **5**.
—**To play back new messages,** press **4**.
—**To repeat,** press **1**.
—**To skip,** press **2**.
—**To reset the tape after playback,** press **3**.

Press the SCREEN/PLAYBACK button to end the operation.

OPERATION FROM TONE PHONE



Call your unit.

Press remote code no. _____

—**To play back all messages,** press **5**.
—**To play back new messages,** press **4**.
—**To repeat,** press **1**.
—**To skip,** press **2**.
—**To reset the tape after playback,** press **3**.
—**To record your own message,** speak after hearing 2 beeps at the end of playback.
—**To save the messages,** hang up after playback.

When you press a button, press firmly.

Press the SCREEN/PLAYBACK button.

↓

Press your desired dial button.

—**To monitor the room sound,** press **6** .
—**To turn off the answering system,** press **0** .

↓

Press the SCREEN/PLAYBACK button to end the operation.

To monitor an incoming call:

When the SCREEN/PLAYBACK indicator flashes slowly, press the SCREEN/PLAYBACK button. When finished, press the button again.

To record your own message:

1. Press the MEMO/2WAY RECORD button.
2. Speak into your portable handset after the long beep.
3. Press the MEMO/2WAY RECORD button to stop recording.

To record your telephone conversation:

1. Press the MEMO/2WAY RECORD button.
2. Continue your conversation.
3. Press the MEMO/2WAY RECORD button to stop recording.

Call your unit. → **To skip greeting message,** press **✱**.

↓

Press remote code no. _____ → **To turn off the answering system,** Press **0**, then hang up.

→ **To monitor room sound,** press **6**.

↓

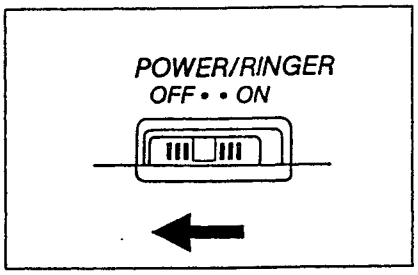
To re-record greeting message
1. Press **7** to re-record the greeting message.
2. Speak after a long beep.
   —The recording time is up to 16 seconds.
3. When finished, press **9**.

To turn on the answering system, call your unit and wait for 15 rings. The unit will answer, then hang up.

Battery replacement

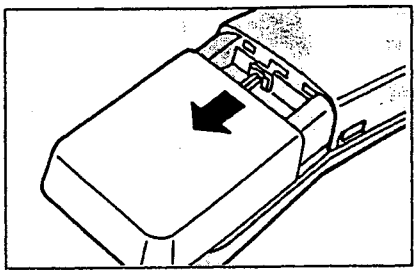
Replace the battery with a new one if the BATT LOW indicator flashes after a few telephone calls even when the battery has been charged for 10 hours.

1



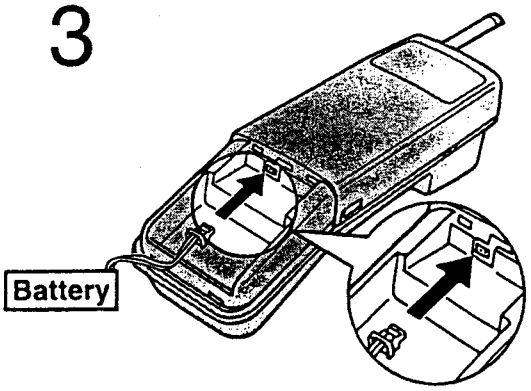
Set the POWER/RINGER switch on the portable handset to the OFF position, to prevent the memory loss.

2



Remove the battery compartment cover.

3



Replace the battery.

—When you finish, close the cover and set the POWER/RINGER switch to the ON position.
—Finish the replacement within 5 minutes, or memory may be lost.

Notes:

—Please use only Panasonic KX-A36A battery. For accessory order, call toll free 1-800-332-5368.
—Remember to charge the battery for about 10 hours after battery replacement.

Attention:

—The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of it's useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

Ni-Cd

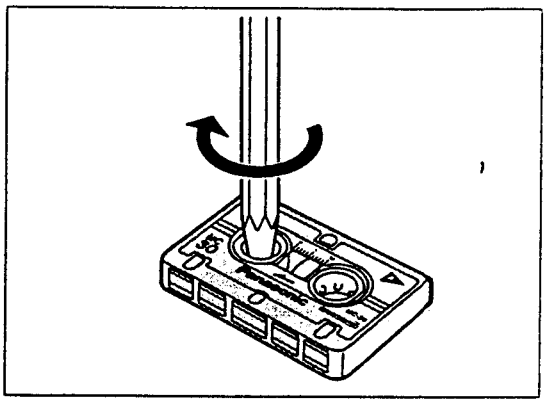
Maintenance of cassette tape and deck

Cassette tape

—For optimum sound quality and performance, we recommend that you **use the opposite side (side-2) after six months and replace the tape with a new one every year**, assuming that the unit answers about ten calls a day.

—Never place a cassette tape near a magnetic source, such as a magnet or a TV set; because it may erase or distort the recorded message on the tape.

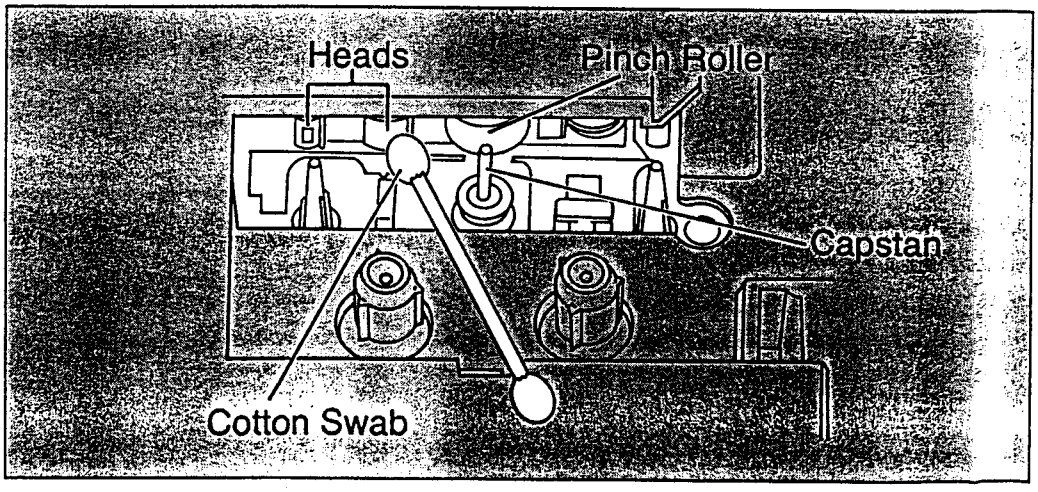
—Slack in the tape can be tightened by rotating the tape reel with an instrument like a pencil, as shown.



Tape deck

Since the head and capstan assemblies are in contact with the tape, dirt and residue from the tape may easily adhere to these parts, causing distortion. These parts should be cleaned periodically in the manner described below.

Clean the head surface, pinch roller, and capstan with a cotton swab. If these surfaces are extremely dirty, wipe them with the cotton swab dampened with alcohol, then wipe them with a dry soft cloth.



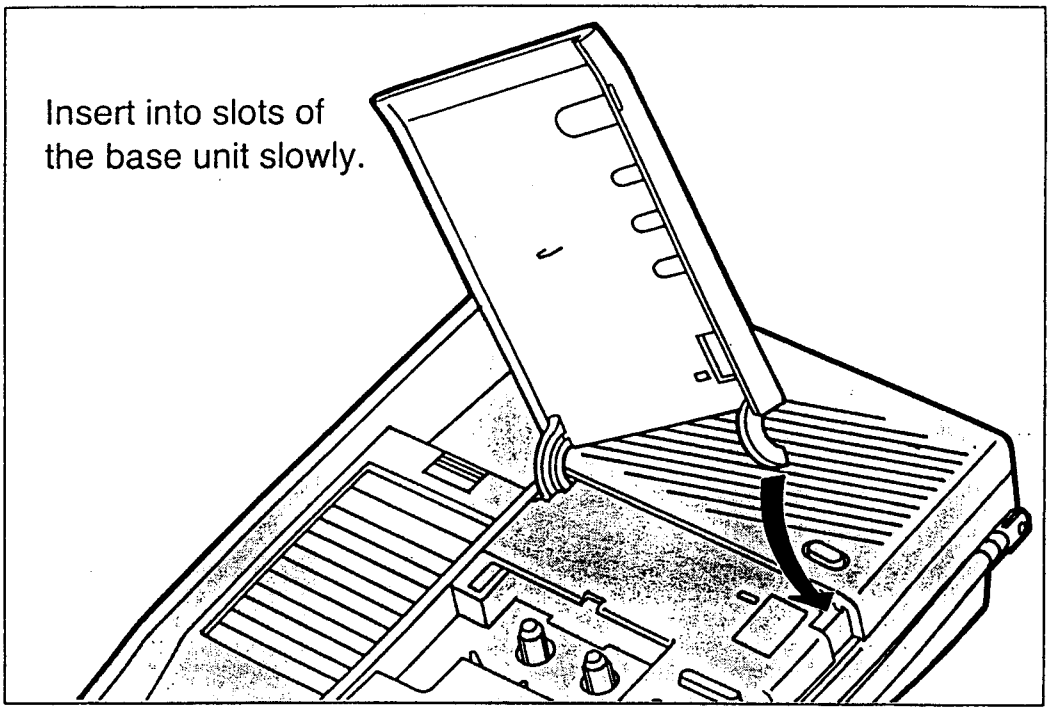
Notes:

—Do not bring magnetic or metal objects, such as a screwdriver, near the head assemblies, as such objects could magnetize the heads.

—Do not oil any part of the unit.

Cassette panel installation

If the panel comes off, replace it by pushing as shown.

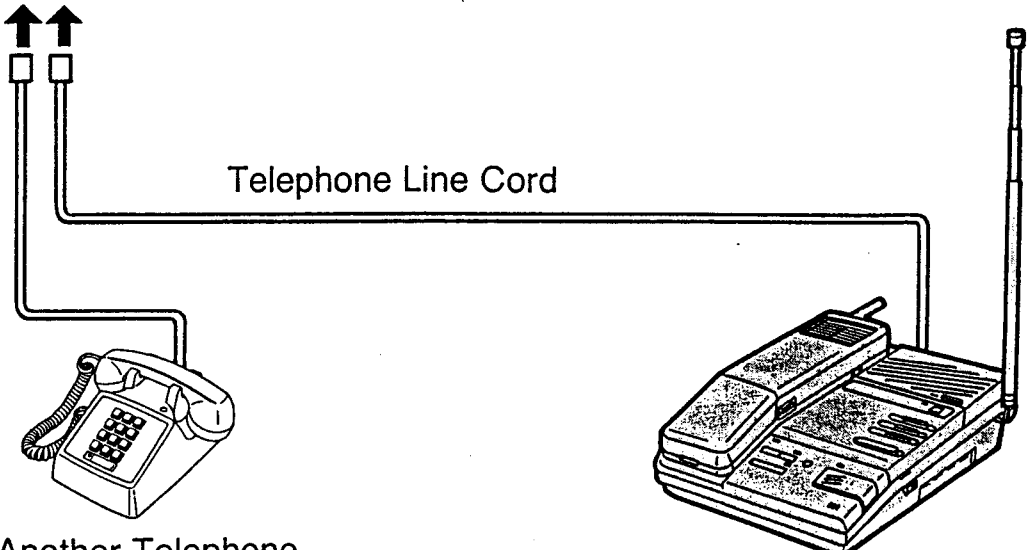


Connection to another telephone

To Single-Line Telephone Jack

T-Adaptor (KX-J66)

If you connect a reserve telephone (standard telephone) on the same line, please purchase a Panasonic T-adaptor KX-J66. For accessory order, call toll free 1-800-332-5368.

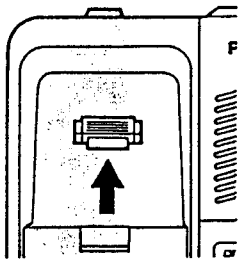


Another Telephone

Wall mounting

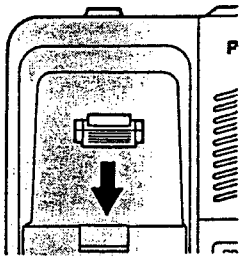
This unit can be mounted on a wall phone plate. If you do not have one installed, consult your telephone company or an installer.

1



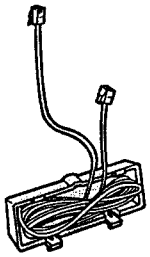
Remove the handset guide from the base unit.

2



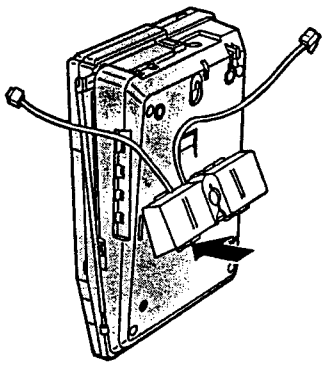
Turn the handset guide, then replace it making its tab upward.

3



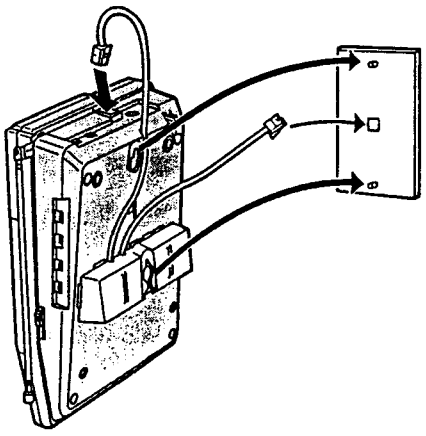
Tuck the telephone line cord inside the wall mounting adaptor.

4



Insert the tabs of the wall mounting adaptor into the openings of the unit, then push it in the direction of the arrow. (Make sure the word "UP" on the adaptor faces upward.)

5



Connect the telephone line cord to the unit and to the wall-jack on the wall phone plate. Mount the unit on the wall phone plate, then seat securely by hooking as shown.

Troubleshooting guide

Cordless telephone

Static, sound cuts in and out, fades. Interference from other unit.

—Electrical interference may cause static and poor range. Set the portable handset and the base unit away from other electrical appliances.

—You may be too far from the base unit. Approach it.

—Extend the antennas of the base unit and the portable handset fully.

—Change the channel.

When I press the TALK button to make a call, alarm tone sounds.

—Approach the base unit and try again.

—Place the portable handset on the base unit and try again.

—Make sure that the AC adaptor is connected.

I cannot store a phone number into memory.

—You cannot store the number in memory while the unit is in the talk mode or in the intercom mode.

—Do not pause for over 30 seconds while storing.

While storing a phone number, the unit starts to ring.

—You can answer the call by pressing the TALK or SP-PHONE button. The program will be canceled; store the phone number again.

The portable handset does not operate or ring.

—The POWER/RINGER switch is in the OFF position. Set to the ON position.

The base unit does not ring.

—The RINGER selector is in the OFF position. Set to the HIGH or LOW position.

When I press the INT'/PAGE button, alarm tone sounds.

—Paging cannot be done while the base unit is receiving an incoming call or recording messages.

—You are too far from the base unit. Approach it.

I cannot page the portable handset from the base unit.

—Paging cannot be done while the base unit is receiving an incoming call or recording messages.

—Set the POWER/RINGER switch to the ON position.

While having an intercom call or operating the answering system from the portable handset, two tones are heard.

—Someone is calling you from outside. To answer, press the TALK or SP-PHONE button. Intercom call or remote operation is terminated.

Answering system

The answering system is on, but no incoming messages are recorded.

—The greeting message preparation is not completed, so no one can leave a message (see page 14).

—The incoming message tape is full. Reset it or replace with a new one.

I cannot operate the answering system from a touch tone phone.

—Be sure that you press your correct remote code number.

—In some areas, a remote touch tone phone may not function due to telephone line conditions, such as noise, echo, etc.

—The answering system may not respond if a touch tone phone produces tones which are too short to activate the unit. Press each button firmly and long.

—The answering system is off. Turn it on (see page 48).

I cannot operate the answering system using the base unit.

—The portable handset user is operating the answering system. After the IN USE (⊙) indicator light goes out, try again.

Some incoming messages have not been recorded up to their end.

—Set the CPC selector to the B position (see page 19).

I cannot operate the answering system with the portable handset.

—Someone is operating the answering system.

—You are too far from the base unit. Approach it.

During playback, the sound level is low, even if the volume level is set to maximum.

—Clean the heads (see page 58).

4 short beeps are heard twice from the portable handset.

—A new message has just been recorded on your answering system.

A beep sounds every 10 seconds on the base unit.

—New messages are recorded. Play back the messages.

General

The BATT LOW indicator flashes.

Beep tone sounds every 15 seconds during a conversation.

—Charge the battery fully (see page 3).

I charged the battery for 10 hours, but the BATT LOW indicator flashes after a few telephone calls.

—Clean the battery charge contacts and charge again (see page 3).

—It is time to change the battery. Please replace with a new one (see page 57).

The unit does not work.

—The connection of the unit was made improperly (see page 13).

—The portable handset battery becomes weak. Charge the battery fully (see page 3).

—The security codes in the portable handset and the base unit are not the same. Place the portable handset on the base unit.

While operating the unit, the AC adaptor feels warm.

The CHARGE indicator light never goes out while the portable handset is on the base unit.

—These are normal conditions.

I cannot use the unit during a power failure.

—The unit will not function during a power failure. We recommend that you connect a reserve telephone and use it during a power failure (see page 59).

Important safety instructions

When using this unit, basic safety precautions as below should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from wall outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example, near a bath tub, wash bowl, kitchen sink, or the like.
5. Install this unit securely on a stable surface. Serious damage may result if the unit falls.
6. Do not cover slots and openings of the unit, for they are provided for ventilation and protection against overheating. Never place the unit near radiators, in/or a place where proper ventilation is not provided.
7. Use only the power source as marked on the unit. If you are not sure of the type of the power supply to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the unit where no one can step on the cord.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push any objects into this unit through slots as they may result in risk of fire or electric shock. Never spill any liquid on the unit.
11. To reduce the risk of electric shock, do not disassemble this unit, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the unit.
    C. If the unit has been exposed to rain or water.
    D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions, for improper adjustment may require extensive work by a qualified technician.

E. If the unit has been dropped or damaged.
F. If the unit exhibits a distinct change in performance.

13. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of electric shock from lightning.
14. Do not use this unit to report a gas leak in the vicinity of it.

SAVE THESE INSTRUCTIONS

CAUTION:

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the battery(ies) instructed.
2. Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys.
   The battery or conductor may overheat and cause burns.
5. Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

INSTALLATION:

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

FCC and other information

If requested by the telephone company, inform them as follows:
FCC registration No.
(found on the bottom of the unit)
Ringer Equivalence 0.2B
The particular telephone line to which the equipment is connected.

This unit must not be connected to a coin operated line.
If you are on a party line, check with your local telephone company.

Ringer Equivalence No.(REN):
The REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

In the event terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped.

However, where prior notice is impractical, the company may temporarily cease service providing that they:

(a) Promptly notify the customer.
(b) Give the customer an opportunity to correct the problem with their equipment.
(c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68.

If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

CAUTION:
Any unauthorized changes or modifications to this equipment could void the user's authority to operate this device.

When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours, such as early morning hours or late evenings.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

- If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, have your unit repaired by one of the specified Panasonic Factory Service Centers. If the known working phone does not operate properly, consult with your telephone company.
- The unit should not be placed in room where the temperature is less than 5°C (41°F) or greater than 40°C (104°F).
- The unit should be situated so that the location or position does not interfere with its proper ventilation. Allow 10 cm (4″) clearance around the unit.
- When the unit is not used, turn the power off. When left unused for long periods of time, the base unit should be unplugged from the household AC outlet.
- The antenna of the portable handset should not be touched during use for best performance.
- The possible calling distance may be shortened when the unit is used in the following places:
  Near obstacles such as hills, tunnels, underground, near metal objects such as wire fence.
- Do not place heavy objects on top of this unit.
- Place the unit on a flat level surface, or use the wall mounting adaptor for wall installation. Damp basements should also be avoided.
- Do not subject this unit to excessive smoke, dust, mechanical vibration, shock, or direct sunlight.
- Do not use benzine, thinner, or any abrasive powder, to clean the cabinet. Wipe it with a soft cloth.

Servicenter Directory

Panasonic

PRODUCT INFORMATION • OPERATION ASSISTANCE • LITERATURE REQUESTS • DEALER LOCATIONS

Customer Service Center 2F-3, One Panasonic Way, Secaucus, NJ 07094 (Headquarters)
201-348-9090 (9:00am–8:00pm Monday–Friday, EST)

SERVICE INQUIRIES — Regional Customer Care Department

NORTHEAST
2221 Cabot Boulevard West
Suite A
Langhorne, PA 19047
215-741-0676
Covers:
CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT, VA, DC, WV, Eastern OH

MIDWEST
1703 North Randall Road
Elgin, IL 60123
708-468-5530
Covers:
IL, IN, IA, KS, KY, MI, MN, MO, NE, ND, SD, WI, Western OH

WESTERN
6550 Katella Avenue
Cypress, CA 90630
714-373-7440
Covers:
AK, AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY, HI

SOUTHERN
1854 Shackleford Court
Suite 4105
Norcross, GA 30093
404-717-6860
Covers:
AL, AR, FL, GA, LA, MS, NC, OK, SC, TN, TX

PRODUCT SERVICE — Factory Servicenters

CALIFORNIA
6550 Katella Avenue
Cypress, CA 90630
714-373-7425

800 Dubuque Avenue
So. San Francisco,
CA 94080
415-871-6373

20201 Sherman Way
Suite 102
Canoga Park, CA 91306
818-709-1775

3878 Ruffin Road
Suite A
San Diego, CA 92123
619-560-9200

COLORADO
1640 South Abilene Suite D
Aurora, CO 80012
303-752-2024

FLORIDA
3700 North 29th Avenue
Suite 102
Hollywood, FL 33020
305-925-2880

4710 Eisenhower
Boulevard Suite A1
Tampa, FL 33634
813-884-4746

GEORGIA
4245 International Boulevard
Suite C
Norcross, GA 30093
404-717-6880

HAWAII
99-859 Iwaiwa Street
Aiea, Hawaii 96701
808-488-1996

ILLINOIS
*1703 North Randall Road
Elgin, IL 60123
708-468-5466

*9401 W. Grand Avenue
Franklin Park, IL 60131
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